12/3/81 S8270-2 A

EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 11

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

November 1981

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
Fourth Street Office Building
Richmond, Virginia
Telephone 804-786-2379 or 2385

Robert F. Beard, Jr. — Commissioner
Texa B. Thurston — Director of Research
Ruby L. Butler — Editor

CONTENTS

List of Statistical Tables — Page
Employment Development, October 1981 — 1 & 2
Statistical Tables:

Not Seasonally Adjusted

Employment

State of Virginia

A- 1. Employees on nonagricultural payrolls, by industry, October 1981 . . . . . 4 & 5
A- 2. Employees on nonagricultural payrolls, by industry division to date. 6
A- 3. Female Employees on nonagricultural payrolls, by industry, October 1981. 7
A- 4. Production Workers on manufacturing payrolls, by industry, October 1981 8

Standard Metropolitan Statistical Areas

A- 5. Bristol, Va. - Employees on nonagricultural payrolls, by industry, October 1981 9
A- 6. Lynchburg, Va. - Employees on nonagricultural payrolls, by industry, October 1981 9
A- 7. Newport News, Va. - Employees on nonagricultural payrolls, by industry, October 1981. 10
A- 8. Norfolk-Virginia Beach-Portsmouth, Va. - Employees on nonagricultural payrolls, by industry, October 1981 10
A- 9. Northern Virginia, Va. - Employees on nonagricultural payrolls, by industry, October 1981. 11
A- 10. Petersburg, Va. - Employees on nonagricultural payrolls, by industry, October 1981 11
A- 11. Richmond, Va. - Employees on nonagricultural payrolls, by industry, October 1981 12
A- 12. Roanoke, Va. - Employees on nonagricultural payrolls, by industry, October 1981 12

B- 1. Labor Force Estimates, U. S., Virginia and Metropolitan Areas, September 1981. 3

Hours and Earnings

C- 1. State of Virginia - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 13
C- 2. Bristol Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 14
C- 3. Lynchburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 14
C- 4. Norfolk-Virginia Beach-Portsmouth SMSA - Gross hours and earnings of production workers on payrolls, by industry, October 1981 15
C- 5. Northern Virginia Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981 15
C- 6. Petersburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 16
C- 7. Richmond SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 16
C- 8. Roanoke SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, October 1981. 17
C- 9. Gross and Spendable Average Weekly Earnings of Factory Production Workers, Virginia and Metropolitan Areas, October 1981. 17

Seasonally Adjusted

D- 1. Employees on Virginia nonagricultural payrolls, by industry, October 1981
Weekly Hours of Virginia Manufacturing Production Workers, by industry, October 1981 18
D- 2. Employees on Virginia nonagricultural payrolls, by industry division, 1972 to date 19

Explanatory Notes

NONFARM EMPLOYMENT MOVED DOWNWARD IN VIRGINIA DURING OCTOBER

FOR THE FIRST TIME SINCE 1975 EMPLOYMENT BETWEEN MID-SEPTEMBER AND MID-OCTOBER MOVED DOWNWARD. The decline of 4,500 over the month was primarily in manufacturing and construction, with finance, insurance and real estate and services also contributing to the drop. Seasonal influences were both positive and negative with the negatives outweighing the positives. The housing and auto industries remained depressed and the widespread effects of these two components of the economy continued to spread. Again high interest and tight money were named as prime contributors to the downtrend. However, all was not bleak on the employment scene as the trade, government and mining segments recorded over-the-month increases in worker totals.

EDUCATION SYSTEMS, BOTH STATE AND LOCAL, ACCOUNT FOR THE RISE IN GOVERNMENT WORKFORCES DURING OCTOBER. The 2,500 pickup this month seemed impressive when looked at by itself; nevertheless, it should be viewed with consideration to employment levels before school closings in June. Government's October total of 505,000 was 11,000 below the June figure of 516,000 and payroll totals this October were 6,100 below October 1980. Cutbacks in federally-funded programs account for much of the absence of growth at both the State and local levels of government.

TRADE ESTABLISHMENTS UPPED THEIR WORKFORCES BY 1,700 DURING THE OCTOBER SURVEY PERIOD. However, trends were mixed. Wholesale dealers engaged in handling farm products added seasonal workers to wash and package peanuts and other raw farm products. Total retail trade employment was down, primarily because of layoffs in restaurants and gift shops that cater to and are supported to a large degree by tourists. Auto dealers also saw retrenchments as new-model introductions started slowly and sales dipped. Although sales were reported to be sluggish, department stores were adding to their staffs in preparation for the end of the year holiday spending season. Educational toys, energy saving devices and winter clothing are expected to be high on spending lists. With the decline in temperatures across the Commonwealth, coal usage increased and so did the number of miners.

EMPLOYMENT IN BOTH THE CONSTRUCTION AND FINANCE DIVISIONS DECLINED. Growth in construction has been stunted for some time and this month's loss of 2,100 workers left employment at 114,200. This was 11,000 below year ago levels for the same period. Layoffs were widespread with the greater burden being carried by general contractors. High costs of building materials and labor, coupled with high interest rates, continued to cripple the building industry. Many would-be buyers and builders feel they have been priced out of the marketplace. Along with this, real estate agencies and financial institutions were feeling the gravity of contractors' problems and reductions in personnel resulted. Minor changes within the sector left transportation and public utilities employment

(continued from page 1)

unchanged between September and October.

IN MANUFACTURING, BOTH NONDURABLE GOODS AND DURABLE GOODS PRODUCERS SLOWED THEIR PACE OF ACTIVITY. Nondurable goods' losses of 2,900 stemmed from the permanent closing of a cigarette factory and layoffs in textiles, apparel, chemicals and paper. Durable goods' declines were not quite as severe (-2,000) but were widespread. Curtailments in the lumber and furniture segments were heaviest and were traceable to the growing plight of construction. A lack of orders for all types of hardgoods appeared to be spreading, reflecting weakness in manufacturing. The State's 310,600 factory production workers earned $276.50 in October or thirty cents less than in September but $23.85 more than a year ago. Hourly earnings at an all-time high of $7.00 were up one cent over the month and 62 cents over the year. The average workweek at 39.5 hours was one-tenth of an hour shorter than in both September 1981 and October 1980. Declines in both hours and earnings were recorded in the Northern Virginia, Petersburg, Bristol and Norfolk areas. In the Lynchburg Area, although weekly hours were down, earnings accelerated due to wage rate increases that were given. In Richmond and Roanoke both hours and earnings improved over September.

THE PRODUCERS PRICE INDEX, FURNISHED BY THE BUREAU OF LABOR STATISTICS for all commodities for October 1981 was 296.0 (1967=100). This was an increase of 0.2 percent over the month and a 6.8 percent increase over the year. The index for finished goods at 274.0 was up 1.1 percent between September and October and 7.3 percent above a year ago.

THE BUREAU OF LABOR STATISTICS ALL URBAN CONSUMERS PRICE INDEX (CPI-U) was 279.9 (1967=100) in October 1981. This was a 0.2 percent increase over last month and 10.2 percent ahead of last year. The Wage Earners and Clerical Workers Index (CPI-W) was 279.7 in October which was also a 0.2 percent increase over the month but 10.1 percent over the year.

THE CONSUMER PRICE INDEX FOR NOVEMBER 1981 will be released on December 22, 1981 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary September 1981	Revised August 1981	September 1980
UNITED STATES			
Civilian Labor Force	105,964,000	107,771,000	104,720,000
Employed	98,277,000	100,013,000	97,256,000
Unemployed	7,687,000	7,758,000	7,464,000
Rate	7.3	7.2	7.1
VIRGINIA			
Civilian Labor Force	2,564,900	2,551,900	2,555,600
Employed	2,422,300	2,413,500	2,427,800
Unemployed	142,600	138,400	127,800
Rate	5.6	5.4	5.0
BRISTOL AREA			
Civilian Labor Force	39,080	38,740	39,420
Employed	36,880	36,370	37,270
Unemployed	2,200	2,370	2,150
Rate	5.6	6.1	5.5
LYNCHBURG SMSA			
Civilian Labor Force	75,700	74,610	77,990
Employed	72,060	70,830	73,740
Unemployed	3,640	3,780	4,250
Rate	4.8	5.1	5.4
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	173,060	173,860	170,720
Employed	162,850	164,090	161,890
Unemployed	10,210	9,770	8,830
Rate	5.9	5.6	5.2
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	337,100	337,750	329,440
Employed	316,230	317,710	310,940
Unemployed	20,870	20,040	18,500
Rate	6.2	5.9	5.6
NORTHERN VIRGINIA AREA			
Civilian Labor Force	580,600	582,200	571,200
Employed	557,800	561,200	551,900
Unemployed	22,800	21,000	19,300
Rate	3.9	3.6	3.4
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	59,230	57,730	61,220
Employed	54,620	53,340	57,280
Unemployed	4,610	4,390	3,940
Rate	7.8	7.6	6.4
RICHMOND SMSA			
Civilian Labor Force	335,750	331,350	333,360
Employed	321,510	318,030	321,160
Unemployed	14,240	13,320	12,200
Rate	4.2	4.0	3.7
ROANOKE SMSA			
Civilian Labor Force	110,540	110,240	112,920
Employed	104,400	104,490	107,440
Unemployed	6,140	5,750	5,480
Rate	5.6	5.2	4.8

1/ All data adjusted to a place-of-residence basis.

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL 1/	2,150.4	2,154.9	2,141.4	- 4.5	9.0
MANUFACTURING	406.7	411.6	413.6	- 4.9	- 6.9
Durable Goods	185.9	187.9	188.7	- 2.0	- 2.8
Lumber and Wood Products	23.3	23.9	23.6	- .6	- .3
Millwork, Plywood and Structural Members	6.2	6.5	6.2	- .3	0
Wood Containers	1.8	1.9	1.8	- .1	0
Wood Buildings and Mobile Homes	3.0	3.1	3.3	- .1	- .3
Miscellaneous Wood Products	2.0	2.0	2.0	0	0
Furniture and Fixtures	25.2	26.0	25.6	- .8	- .4
Household and Office Furniture	23.8	24.4	23.9	- .6	- .1
Stone, Clay and Glass Products	12.2	12.4	12.6	- .2	- .4
Structural Clay Products	.8	.9	.9	- .1	- .1
Concrete Gypsum and Plaster Products	7.1	7.2	7.2	- .1	- .1
Glass and Glass Products	1.6	1.7	1.7	- .1	- .1
Primary Metal Industries	11.5	11.7	11.9	- .2	- .4
Fabricated Metal Products	20.4	20.6	20.5	- .2	- .1
Fabricated Structural Metal Products	12.7	12.9	13.0	- .2	- .3
Machinery, except Electrical	14.6	14.4	15.4	.2	- .8
Construction and Related Machinery	4.4	4.3	4.7	.1	- .3
Special Industry Machinery	2.4	2.4	2.5	0	- .1
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.4	34.5	33.2	- .1	1.2
Communication Equipment	11.8	11.7	11.4	.1	.4
Electronic Components and Accessories	5.7	5.7	5.3	0	.4
Transportation Equipment	36.8	36.8	38.3	0	- 1.5
Instruments and Related Products	4.1	4.1	4.1	0	0
Miscellaneous Manufacturing Industries	3.4	3.5	3.5	- .1	- .1
Nondurable Goods	220.8	223.7	224.9	- 2.9	- 4.1
Food and Kindred Products	41.7	41.7	42.9	0	- 1.2
Meat Products	13.1	13.2	13.3	- .1	- .2
Dairy Products	3.1	3.1	2.7	0	.4
Preserved Fruits and Vegetables	3.7	3.4	4.1	.3	- .4
Bakery Products	4.9	4.9	5.0	0	- .1
Beverages	5.8	5.8	5.8	0	0
Tobacco Manufactures	17.0	17.9	17.9	- .9	- .9
Cigarettes	13.6	14.4	14.2	- .8	- .6
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	3.0	3.1	3.3	- .1	- 3
Textile Mill Products	44.1	45.1	44.7	- 1.0	- .6
Weaving Mills, Cotton, Synthetics and Wool	18.7	19.0	19.0	- .3	- .3
Narrow Fabric Mills	1.1	1.1	1.2	0	- .1
Knitting Mills	13.7	14.1	13.9	- .4	- .2
Textile Finishing, except Wool	4.6	4.8	4.7	- .2	- .1
Yarn and Thread Mills	3.1	3.1	3.0	0	.1
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.7	34.0	34.3	- .3	- .6
Men's and Boys' Suits, Coats and Furnishings	12.2	12.6	13.4	- .4	- 1.2
Women's and Children's Outerwear & Undergarments	17.5	17.6	17.1	- .1	.4
Miscellaneous Fabricated Textile Products	1.9	1.8	1.7	.1	.2
Paper and Allied Products	14.2	14.4	14.5	- .2	- .3
Pulp, Paper and Paperboard	7.7	7.7	7.6	0	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.1	0	- .1
Miscellaneous Converted Paper Products	2.4	2.4	2.4	0	0
Paperboard Containers and Boxes	3.6	3.6	3.7	0	- .1
Printing and Publishing	22.0	22.0	22.0	0	0
Newspapers and Periodicals	8.2	8.3	8.4	- .1	- .2
Commercial Printing	8.3	8.2	8.2	.1	.1
Chemicals and Allied Products	32.5	32.8	33.0	- .3	- .5
Industrial Inorganic Chemicals	.8	.8	.8	0	0
Plastics Materials and Synthetics	18.9	19.2	19.5	- .3	- .6
Drugs	2.8	2.8	2.7	0	.1
Agricultural Chemicals	1.4	1.4	1.6	0	- .2
Miscellaneous Chemical Products	3.7	3.6	3.4	.1	.3
Petroleum, Rubber and Misc. Plastics Products	12.2	12.3	12.0	- .1	.2
Miscellaneous Plastics Products	5.8	5.9	5.7	- .1	.1
Rubber and Rubber Products	6.0	6.0	6.0	0	0
Leather and Leather Products	3.4	3.5	3.6	- .1	- .2

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
(Continued from page 4)					
NONMANUFACTURING	1,743.7	1,743.3	1,727.8	.4	15.9
Mining	24.9	24.7	23.9	.2	1.0
Bituminous Coal and Lignite Mining	22.1	22.0	20.8	.1	1.3
Construction	114.2	116.3	125.2	-2.1	-11.0
Transportation and Public Utilities	117.2	117.2	115.4	0	1.8
Railroad Transportation	14.0	14.0	14.0	0	0
Trucking and Warehousing	29.4	29.5	29.7	-.1	-.3
Transportation by Air	10.7	10.9	10.8	-.2	-.1
Communication	30.2	30.1	29.3	.1	.9
Electric, Gas and Sanitary Services	17.7	17.7	16.6	0	1.1
Wholesale and Retail Trade	467.8	466.1	453.4	1.7	14.4
Wholesale	107.8	105.5	106.7	2.3	1.1
Wholesale Trade Durable Goods	64.1	63.5	64.1	.6	0
Wholesale Trade Nondurable Goods	43.7	42.0	42.6	1.7	1.1
Retail	360.0	360.6	346.7	-.6	13.3
General Merchandise Stores	57.1	56.7	56.4	.4	.7
Department Stores	42.1	41.6	41.2	.5	.9
Variety Stores	9.4	9.4	9.0	0	.4
Food Stores	56.3	56.5	54.7	-.2	1.6
Automotive Dealers and Service Stations	46.4	46.6	46.7	-.2	-.3
Furniture and Home Furnishings Stores	16.1	15.9	15.4	.2	.7
Miscellaneous Retail	44.9	44.5	44.1	.4	.8
Finance, Insurance and Real Estate	107.7	109.0	105.9	-1.3	1.8
Banking	31.3	31.6	30.9	-.3	.4
Insurance Carriers	20.1	20.2	20.0	-.1	.1
Real Estate	24.3	25.1	23.4	-.8	.9
Services	406.9	407.5	392.9	-.6	14.0
Personal Services	24.6	24.5	24.6	.1	0
Business Services	79.3	79.1	77.2	.2	2.1
Auto and Miscellaneous Repair Service	18.8	18.7	18.6	.1	.2
Health Services	105.8	105.8	102.2	0	3.6
Government	505.0	502.5	511.1	2.5	-6.1
Federal Government	155.5	155.2	153.9	.3	1.6
State and Local Government	349.5	347.3	357.2	2.2	-7.7
State Government	119.2	118.8	119.0	.4	.2
Local Government	230.3	228.5	238.2	1.8	-7.9

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average:									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	136.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.6	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,028.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.9	437.0	101.0	376.2	492.1
May	2,107.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.3	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.6	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,147.5	408.1	24.5	118.7	118.7	464.1	109.4	410.2	493.8
September	2,154.9	411.6	24.7	116.3	117.2	466.1	109.0	407.5	502.5
October	2,150.4	406.7	24.9	114.2	117.2	467.8	107.7	406.9	505.0
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL 1/	916.0	916.0	896.7	0	19.3
MANUFACTURING	144.5	146.1	145.6	- 1.6	- 1.1
Durable Goods	45.6	45.9	44.8	- .3	.8
Lumber and Wood Products	4.2	4.3	4.2	- .1	0
Furniture and Fixtures	8.9	9.0	8.7	- .1	.2
Stone, Clay and Glass Products	1.4	1.4	1.3	0	.1
Primary Metal Industries	1.9	1.9	2.0	0	- .1
Fabricated Metal Products	3.5	3.6	3.4	- .1	.1
Machinery, except Electrical	2.3	2.3	2.5	0	- .2
Electric and Electronic Equipment	15.7	15.7	14.8	0	.9
Transportation Equipment	4.7	4.7	5.1	0	- .4
Instruments and Related Products	1.8	1.8	1.7	0	.1
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	98.9	100.2	100.8	- 1.3	- 1.9
Food and Kindred Products	15.1	15.0	15.6	.1	- .5
Tobacco Manufactures	5.6	5.9	5.9	- .3	- .3
Textile Mill Products	24.0	24.6	24.6	- .6	- .6
Apparel and Other Textile Products	30.1	30.5	30.7	- .4	- .6
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.0	7.9	7.7	.1	.3
Chemicals and Allied Products	8.4	8.5	8.4	- .1	0
Petroleum, Rubber and Misc. Plastics Products	2.7	2.7	2.7	0	0
Leather and Leather Products	2.5	2.6	2.7	- .1	- .2
NONMANUFACTURING	771.5	769.9	751.1	1.6	20.4
Mining	.7	.7	.6	0	.1
Construction	7.9	8.0	7.7	- .1	.2
Transportation and Public Utilities	29.2	29.2	28.3	0	.9
Wholesale and Retail Trade	197.8	197.1	186.7	.7	11.1
Wholesale Trade	22.7	21.7	20.7	1.0	2.0
Retail Trade	175.1	175.4	166.0	- .3	9.1
Finance, Insurance and Real Estate	62.3	62.8	60.5	- .5	1.8
Services	225.3	225.4	217.8	- .1	7.5
Government	248.3	246.7	249.5	1.6	- 1.2
Federal Government	56.4	56.5	55.0	- .1	1.4
State and Local Government	191.9	190.2	194.5	1.7	- 2.6

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A - 4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
MANUFACTURING	310.6	314.8	317.1	- 4.2	- 6.5
Durable Goods	139.3	141.2	142.5	- 1.9	- 3.2
Lumber and Wood Products	19.6	20.2	20.0	- .6	- .4
Millwork, Plywood and Structural Members	5.2	5.4	5.1	- .2	.1
Wood Containers	1.7	1.7	1.6	0	.1
Wood Buildings and Mobile Homes	2.1	2.2	2.4	- .1	- .3
Miscellaneous Wood Products	1.8	1.8	1.8	0	0
Furniture and Fixtures	21.1	21.9	21.5	- .8	- .4
Household and Office Furniture	20.1	20.8	20.4	- .7	- .3
Stone, Clay and Glass Products	9.6	9.7	9.9	- .1	- .3
Structural Clay Products	.7	.7	.8	0	- .1
Concrete Gypsum and Plaster Products	5.7	5.7	5.7	0	0
Glass and Glass Products	1.3	1.4	1.3	- .1	0
Primary Metal Industries	6.2	6.3	6.5	- .1	- .3
Fabricated Metal Products	13.2	13.4	13.3	- .2	- .1
Fabricated Structural Metal Products	7.3	7.4	7.6	- .1	- .3
Machinery, except Electrical	9.9	9.7	10.8	.2	- .9
Construction and Related Machinery	2.7	2.5	2.9	.2	- .2
Special Industry Machinery	1.4	1.4	1.5	0	- .1
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	23.1	23.2	22.3	- .1	.8
Communication Equipment	7.4	7.4	7.0	0	.4
Electronic Components and Accessories	3.6	3.6	3.4	0	.2
Transportation Equipment	31.4	31.5	33.0	- .1	- 1.6
Instruments and Related Products	2.5	2.5	2.5	0	0
Miscellaneous Manufacturing Industries	2.7	2.8	2.7	- .1	0
Nondurable Goods	171.3	173.6	174.6	- 2.3	- 3.3
Food and Kindred Products	30.8	30.6	31.4	.2	- .6
Meat Products	11.3	11.4	11.5	- .1	- .2
Dairy Products	1.7	1.6	1.4	.1	.3
Preserved Fruits and Vegetables	3.3	2.9	3.4	.4	- .1
Bakery Products	2.5	2.4	2.5	.1	0
Beverages	2.5	2.5	2.4	0	.1
Tobacco Manufactures	12.6	13.3	13.3	- .7	- .7
Cigarettes	10.2	10.7	10.4	- .5	- .2
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	2.1	2.3	2.6	- .2	- .5
Textile Mill Products	39.4	40.5	40.1	- 1.1	- .7
Weaving Mills, Cotton, Synthetics and Wool	16.4	16.7	16.6	- .3	- .2
Narrow Fabric Mills	1.0	1.1	1.1	- .1	- .1
Knitting Mills	12.6	13.0	12.8	- .4	- .2
Textile Finishing, except Wool	4.1	4.3	4.4	- .2	- .3
Yarn and Thread Mills	2.8	2.8	2.7	0	.1
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.4	30.8	31.3	- .4	- .9
Men's and Boys' Suits, Coats and Furnishings	11.1	11.4	12.3	- .3	- 1.2
Women's and Children's Outerwear & Undergarments	16.1	16.2	15.8	- .1	.3
Miscellaneous Fabricated Textile Products	1.5	1.5	1.4	0	.1
Paper and Allied Products	10.7	10.8	10.9	- .1	- .2
Pulp, Paper and Paperboard	5.3	5.4	5.3	- .1	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.1	0	- .1
Miscellaneous Converted Paper Products	2.1	2.1	2.1	0	0
Paperboard Containers and Boxes	2.9	2.9	3.0	0	- .1
Printing and Publishing	13.2	13.1	12.8	.1	.4
Newspapers and Periodicals	3.0	2.9	2.9	.1	.1
Commercial Printing	6.5	6.4	6.2	.1	.3
Chemicals and Allied Products	21.9	22.1	22.5	- .2	- .6
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	13.7	14.0	14.3	- .3	- .6
Drugs	1.5	1.5	1.2	0	.3
Agricultural Chemicals	.7	.7	1.0	0	- .3
Miscellaneous Chemical Products	2.5	2.4	2.3	.1	.2
Petroleum, Rubber and Misc. Plastics Products	9.2	9.3	9.1	- .1	.1
Miscellaneous Plastics Products	4.3	4.4	4.1	- .1	.2
Rubber and Rubber Products	4.7	4.7	4.7	0	0
Leather and Leather Products	3.1	3.1	3.2	0	- .1

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	29.2	29.3	28.8	- .1	.4
MANUFACTURING	9.5	9.5	9.4	0	.1
Durable Goods	4.6	4.6	4.6	0	0
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	2.1	2.1	2.1	0	0
Other Durable Goods 1/	2.0	2.0	1.9	0	.1
Nondurable Goods	4.9	4.9	4.8	0	.1
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	2.0	2.1	0	- .1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.7	19.8	19.4	- .1	.3
Construction	1.4	1.4	1.3	0	.1
Transportation & Public Utilities	1.2	1.3	1.1	- .1	.1
Trade	7.0	6.9	6.8	.1	.2
Wholesale Trade	1.7	1.7	1.8	0	- .1
Retail Trade	5.3	5.2	5.0	.1	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.9	3.8	- .1	0
Government	5.3	5.3	5.4	0	- .1
State and Local Government	5.0	5.0	5.0	0	0

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	71.9	71.6	72.4	.3	- .5
MANUFACTURING	29.3	29.5	29.0	- .2	.3
Durable Goods	18.7	18.9	18.5	- .2	.2
Lumber and Wood Products and Furniture and Fixtures	4.1	4.2	4.0	- .1	.1
Other Durable Goods 1/	14.6	14.7	14.5	- .1	.1
Nondurable Goods	10.6	10.6	10.5	0	.1
Food and Kindred Products	1.8	1.8	1.6	0	.2
Textile Mill Products	1.8	1.7	1.7	.1	.1
Apparel & Other Textile Products	2.4	2.5	2.5	- .1	- .1
Paper and Allied Products	1.1	1.1	1.1	0	0
Other Nondurable Goods 2/	3.5	3.5	3.6	0	- .1
NONMANUFACTURING	42.6	42.1	43.4	.5	- .8
Construction	3.4	3.4	3.8	0	- .4
Transportation and Public Utilities	2.6	2.6	2.7	0	- .1
Wholesale and Retail Trade	11.2	11.2	11.7	0	- .5
Wholesale Trade	2.2	2.2	2.2	0	0
Retail Trade	9.0	9.0	9.5	0	- .5
Finance, Insurance and Real Estate	3.6	3.6	3.7	0	- .1
Services and Mining	11.0	10.8	11.1	.2	- .1
Government	10.8	10.5	10.4	.3	.4

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	157.4	157.4	155.2	0	2.2
MANUFACTURING	34.8	35.0	35.9	- .2	- 1.1
Durable Goods	28.1	28.1	29.4	0	- 1.3
Stone, Clay & Glass Products	.5	.5	.5	0	0
Transportation Equipment	24.3	24.3	25.3	0	- 1.0
Other Durable Goods 1/	3.3	3.3	3.6	0	- .3
Nondurable Goods	6.7	6.9	6.5	- .2	.2
Food & Kindred Products	2.9	3.0	2.9	- .1	0
Textile Mill Products & Apparel & Other Textile Products	.5	.6	.6	- .1	- .1
Printing and Publishing	1.2	1.2	1.2	0	0
Other Nondurable Goods 2/	2.1	2.1	1.8	0	.3
NONMANUFACTURING	122.6	122.4	119.3	.2	3.3
Construction	7.1	7.3	7.2	- .2	- .1
Transportation and Public Utilities	5.3	5.4	5.2	- .1	.1
Wholesale and Retail Trade	30.2	29.9	29.0	.3	1.2
Wholesale Trade	3.6	3.5	3.4	.1	.2
Retail Trade	26.6	26.4	25.6	.2	1.0
Finance, Insurance and Real Estate	5.1	5.2	5.0	- .1	.1
Services and Mining	32.1	32.0	29.6	.1	2.5
Government	42.8	42.6	43.3	.2	- .5
Federal Government	17.3	17.1	17.1	.2	.2
State and Local Government	25.5	25.5	26.2	0	- .7

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	291.0	292.9	285.0	- 1.9	6.0
MANUFACTURING	29.3	29.6	29.6	- .3	- .3
Durable Goods	17.8	17.7	17.8	.1	0
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.1	1.0	1.0	.1	.1
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	7.8	7.8	7.7	0	.1
Other Durable Goods 1/	4.1	4.1	4.5	0	- .4
Nondurable Goods	11.5	11.9	11.8	- .4	- .3
Food and Kindred Products	5.8	6.1	5.7	- .3	.1
Apparel & Other Textile Products	.8	.8	.9	0	- .1
Printing and Publishing	2.3	2.4	2.4	- .1	- .1
Chemicals and Allied Products	1.2	1.2	1.3	0	- .1
Agricultural Chemicals	.5	.5	.7	0	- .2
Other Nondurable Goods 2/	1.4	1.4	1.5	0	- .1
NONMANUFACTURING	261.7	263.3	255.4	- 1.6	6.3
Construction	16.7	16.8	15.9	- .1	.8
Transportation & Public Utilities	19.6	19.4	19.0	.2	.6
Railroads	1.4	1.4	1.5	0	- .1
Wholesale and Retail Trade	73.4	73.8	69.3	- .4	4.1
Wholesale Trade	14.6	14.2	14.6	.4	0
Retail Trade	58.8	59.6	54.7	- .8	4.1
Finance, Insurance & Real Estate	14.8	14.7	14.5	.1	.3
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.1	3.1	3.0	0	.1
Services and Mining	57.7	59.3	55.8	- 1.6	1.9
Personal Services	4.2	4.3	3.9	- .1	.3
Government	79.5	79.3	80.9	.2	- 1.4
Federal Government	36.8	36.3	36.3	.5	.5
State & Local Government	42.7	43.0	44.6	- .3	- 1.9

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	441.8	441.9	433.3	- .1	8.5
MANUFACTURING	18.1	18.1	17.1	0	1.0
Durable Goods	10.7	10.8	10.1	- .1	.6
Stone, Clay and Glass Products	.8	.9	1.0	- .1	- .2
Fabricated Metal Products	1.0	1.1	1.1	- .1	- .1
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	5.9	5.8	5.3	.1	.6
Other Durable Goods 1/	2.3	2.3	2.1	0	.2
Nondurable Goods	7.4	7.3	7.0	.1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.7	4.5	.1	.3
Other Nondurable Goods 2/	1.5	1.5	1.4	0	.1
NONMANUFACTURING	423.7	423.8	416.2	- .1	7.5
Mining	.4	.4	.4	0	0
Construction	28.6	28.9	27.7	- .3	.9
Transportation & Public Utilities	28.6	28.8	29.3	- .2	- .7
Transportation By Air	7.7	7.8	8.4	- .1	- .7
Electric, Gas & Sanitary Service	3.7	3.7	3.6	0	.1
Wholesale and Retail Trade	102.4	102.0	98.8	.4	3.6
Wholesale Trade	18.3	18.0	18.2	.3	.1
Retail Trade	84.1	84.0	80.6	.1	3.5
General Merchandise Stores	13.0	12.8	12.2	.2	.8
Food Stores	9.3	9.4	9.2	- .1	.1
Auto. Dealers & Service Stations	12.1	12.1	12.3	0	- .2
Apparel & Accessory Stores	5.4	5.4	5.3	0	.1
Eating & Drinking Places	24.7	25.0	23.1	- .3	1.6
Finance, Insurance & Real Estate	28.2	28.4	27.0	- .2	1.2
Banking	6.3	6.3	6.0	0	.3
Services	116.0	115.9	113.4	.1	2.6
Business Services	41.0	40.7	40.1	.3	.9
Government	119.5	119.4	119.6	.1	- .1
Federal Government	69.3	69.2	67.6	.1	1.7
State and Local Government	50.2	50.2	52.0	0	- 1.8

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	46.4	46.2	47.5	.2	- 1.1
MANUFACTURING	11.0	11.1	11.8	- .1	- .8
Durable Goods	2.3	2.3	2.8	0	- .5
Lumber and Wood Products and Furniture & Fixtures	.6	.6	.5	0	.1
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.1	.2	.2	- .1	- .1
Other Durable Goods 1/	1.4	1.3	1.9	.1	- .5
Nondurable Goods	8.7	8.8	9.0	- .1	- .3
Food and Kindred Products	.3	.3	.3	0	0
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.2	0	- .1
Chemicals and Allied Products	3.5	3.5	3.5	0	0
Other Nondurable Goods 2/	3.8	3.9	4.0	- .1	- .2
NONMANUFACTURING	35.4	35.1	35.7	.3	- .3
Construction	2.2	2.4	2.8	- .2	- .6
Transportation and Public Utilities	1.5	1.4	1.5	.1	0
Wholesale and Retail Trade	8.3	8.4	8.0	- .1	.3
Wholesale Trade	1.2	1.3	1.3	- .1	- .1
Retail Trade	7.1	7.1	6.7	0	.4
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.7	6.6	6.3	.1	.4
Government	15.4	15.0	15.8	.4	- .4
Federal Government	5.1	5.0	5.4	.1	- .3
State and Local Government	10.3	10.0	10.4	.3	- .1

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	329.4	330.4	326.8	- 1.0	2.6
MANUFACTURING	55.8	56.8	55.9	- 1.0	- .2
Durable Goods	17.8	17.8	17.7	0	.1
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.1	2.1	2.3	0	- .2
Stone, Clay & Glass Products	1.4	1.4	1.3	0	.1
Fabricated Metal Products	2.5	2.6	2.5	0	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.1	2.2	2.1	- .1	0
Other Durable Goods 1/	8.2	8.1	8.1	.1	.1
Nondurable Goods	38.0	39.0	38.2	- 1.0	- .2
Food & Kindred Products	4.2	4.3	4.3	- .1	- .1
Bakery Products	1.9	1.8	1.8	.1	.1
Tobacco Manufactures	12.4	13.2	12.7	- .8	- .3
Cigarettes	11.5	11.9	11.6	- .4	- .1
Tobacco Stemming & Redrying	.5	.9	.6	- .4	- .1
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.1	4.2	4.2	- .1	- .1
Printing and Publishing	5.3	5.3	5.1	0	.2
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.7	7.7	7.7	0	0
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	273.6	273.6	270.9	0	2.7
Mining	.2	.3	.4	0	- .1
Construction	16.1	16.3	16.5	- .2	- .4
Transportation & Public Utilities	20.3	20.2	19.8	.1	.5
Wholesale & Retail Trade	74.7	75.0	72.9	- .3	1.8
Wholesale Trade	22.1	22.1	22.1	0	0
Retail Trade	52.6	52.9	50.8	- .3	1.8
General Merchandise Stores	10.3	10.3	10.0	0	.3
Food Stores	7.5	7.5	7.2	0	.3
Auto Dealers & Service Stations	5.8	5.8	5.6	0	.2
Finance, Insurance & Real Estate	26.4	26.7	26.8	- .3	- .4
Insurance Carriers and Agents	10.4	10.4	10.5	0	- .1
Services	61.4	61.6	60.0	- .2	1.4
Government	74.4	73.5	74.5	.9	- .1
Federal Government	7.8	7.8	7.8	0	0
State & Local Government	66.6	65.7	66.7	.9	- .1

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	October 1981	September 1981	October 1980	September 1981	October 1980
NONAGRICULTURAL	102.4	102.9	105.2	- .5	- 2.8
MANUFACTURING	20.5	20.8	21.0	- .3	- .5
Durable Goods	11.7	12.1	12.3	- .4	- .6
Furniture & Fixtures	1.1	1.5	1.4	- .4	- .3
Primary Metals & Fabricated Metal Products	2.5	2.5	2.5	0	0
Fabricated Structural Metal Products	1.2	1.1	1.3	.1	- .1
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.4	6.4	6.7	0	- .3
Nondurable Goods	8.8	8.7	8.7	.1	.1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.8	0	- .2
Apparel & Other Textile Products	1.7	1.6	1.5	.1	.2
Printing and Publishing	.9	.9	1.0	0	- .1
Other Nondurable Goods 2/	2.7	2.7	2.5	0	.2
NONMANUFACTURING	81.9	82.1	84.2	- .2	- 2.3
Mining	.1	.1	.1	0	0
Construction	4.9	5.0	6.5	- .1	- 1.6
Transportation & Public Utilities	9.4	9.6	9.9	- .2	- .5
Wholesale & Retail Trade	25.6	25.9	25.6	- .3	0
Wholesale Trade	7.4	7.4	7.3	0	.1
Retail Trade	18.2	18.5	18.3	- .3	- .1
Finance, Insurance & Real Estate	6.2	6.3	6.2	- .1	0
Services	20.2	19.9	19.9	.3	.3
Government	15.5	15.3	16.0	.2	- .5
Federal Government	3.1	3.1	3.2	0	- .1
State & Local Government	12.4	12.2	12.8	.2	- .4

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$276.50	$276.80	$252.65	39.5	39.6	39.6	$ 7.00	$ 6.99	$ 6.38
Durable Goods	286.42	282.80	257.92	40.8	40.4	40.3	7.02	7.00	6.40
Lumber and Wood Products	195.66	195.66	182.36	37.7	37.7	37.6	5.19	5.19	4.85
Furniture and Fixtures	185.16	174.94	172.53	38.9	37.3	39.3	4.76	4.69	4.39
Household and Office Furniture	185.55	174.00	171.65	38.9	37.1	39.1	4.77	4.69	4.39
Stone, Clay and Glass Products	267.52	266.74	234.26	41.8	41.1	40.6	6.40	6.49	5.77
Structural Clay Products	261.51	241.19	200.38	42.8	39.8	40.4	6.11	6.06	4.96
Glass and Glass Products	269.47	306.13	232.62	40.1	42.4	38.9	6.72	7.22	5.98
Primary Metal Industries	345.07	309.76	310.27	39.8	36.4	38.4	8.67	8.51	8.08
Fabricated Metal Products	341.36	332.48	305.70	42.3	41.2	41.2	8.07	8.07	7.42
Fabricated Structural Metal Products	326.83	308.66	305.65	42.5	41.1	42.1	7.69	7.51	7.26
Machinery, except Electrical	311.33	307.34	280.26	41.4	40.6	40.5	7.52	7.57	6.92
Construction and Related Machinery	325.13	308.80	295.06	42.5	40.0	41.5	7.65	7.72	7.11
Special Industry Machinery	346.63	338.00	297.83	40.4	40.0	39.5	8.58	8.45	7.54
Refrigeration and Service Machinery	294.12	287.18	279.03	43.0	41.5	42.6	6.84	6.92	6.55
Electric and Electronic Equipment	287.92	289.84	267.24	40.1	40.2	40.8	7.18	7.21	6.55
Communication Equipment	305.37	314.03	285.93	39.0	39.6	40.5	7.83	7.93	7.06
Instruments and Related Products	1) 199.28	1) 195.58	212.00	37.6	38.5	40.0	1) 5.30	1) 5.08	5.30
Miscellaneous Manufacturing Industries	228.54	213.89	208.12	39.2	36.5	38.9	5.83	5.86	5.35
Nondurable Goods	268.73	271.52	247.50	38.5	38.9	39.1	6.98	6.98	6.33
Food and Kindred Products	253.48	242.52	218.69	39.3	37.6	38.3	6.45	6.45	5.71
Tobacco Manufactures	378.01	383.55	393.82	36.7	37.9	40.6	10.30	10.12	9.70
Cigarettes	421.87	421.00	442.80	37.4	38.1	41.5	11.28	11.05	10.67
Textile Mill Products	216.72	213.71	204.46	38.7	38.3	39.7	5.60	5.58	5.15
Weaving Mills, Cotton, Synthetics and Wool	230.86	249.18	227.98	38.8	41.6	41.3	5.95	5.99	5.52
Knitting Mills	195.66	189.24	175.78	37.7	37.4	37.4	5.19	5.06	4.70
Yarn and Thread Mills	207.71	170.33	185.12	44.1	37.6	41.6	4.71	4.53	4.45
Miscellaneous Textile Goods	241.36	170.16	211.86	41.4	29.8	40.9	5.83	5.71	5.18
Apparel and Other Textile Products	160.08	160.36	151.42	34.8	35.4	36.4	4.60	4.53	4.16
Men's and Boys' Suits, Coats and Furnishings	168.76	161.84	155.30	34.3	33.3	36.2	4.92	4.86	4.29
Women's and Children's Outerwear & Undergarments	146.52	152.14	148.51	33.3	35.3	36.4	4.40	4.31	4.08
Paper and Allied Products	362.09	380.59	344.16	42.3	43.2	43.4	8.56	8.81	7.93
Pulp, Paper and Paperboard	431.00	463.54	416.29	43.1	44.7	45.2	10.00	10.37	9.21
Misc. Converted Paper and Paperboard Products, Containers and Boxes	296.38	295.36	273.37	42.1	41.6	41.8	7.04	7.10	6.54
Printing and Publishing	319.06	334.54	311.61	37.1	38.9	39.0	8.60	8.60	7.99
Newspapers and Periodicals	266.32	268.16	260.26	33.5	35.1	36.4	7.95	7.64	7.15
Chemical and Allied Products	359.79	392.49	330.40	40.7	44.5	41.3	8.84	8.82	8.00
Plastic Materials and Synthetics	366.52	404.54	332.91	40.5	44.8	41.1	9.05	9.03	8.10
Agricultural Chemicals	266.34	257.92	256.20	40.6	40.3	42.7	6.56	6.40	6.00
Leather and Leather Products	130.08	151.69	127.45	33.7	38.5	35.6	3.86	3.94	3.58

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$227.29	$228.23	$207.38	37.2	37.6	37.5	$6.11	$6.07	$5.53
Durable Goods	290.34	282.09	261.09	41.3	39.9	39.8	7.03	7.07	6.56
Fabricated Metal Products	1) 344.79	1) 329.72	335.23	40.9	38.7	39.3	1) 8.43	1) 8.52	8.53
Machinery and Transportation Equipment	286.14	271.83	244.22	42.9	41.0	40.5	6.67	6.63	6.03
Nondurable Goods	163.84	172.48	158.42	33.1	35.2	35.6	4.95	4.90	4.45
Food and Kindred Products	194.02	200.64	185.43	34.4	35.2	33.9	5.64	5.70	5.47
Apparel and Other Textile Products	128.48	146.45	133.73	29.4	33.9	35.1	4.37	4.32	3.81

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 7,000 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$272.52	$271.88	$248.32	39.9	40.1	38.8	$6.83	$6.78	$6.40
Durable Goods	284.62	281.69	257.28	40.2	39.9	39.1	7.08	7.06	6.58
Lumber and Wood Products and Furniture and Fixtures	175.45	176.78	166.57	36.1	36.6	37.6	4.86	4.83	4.43
Nondurable Goods	254.13	256.31	238.68	39.4	40.3	39.0	6.45	6.36	6.12
Food and Kindred Products	1) 279.36	1) 279.35	245.02	1) 38.8	1) 39.4	41.6	1) 7.20	1) 7.09	5.89
Textile Mill Products	238.18	259.62	222.92	39.5	42.7	38.5	6.03	6.08	5.79
Apparel and Other Textile Products	149.87	138.79	121.79	36.2	34.1	31.8	4.14	4.07	3.83
Paper and Allied Products	388.01	373.38	382.28	48.2	49.0	50.3	8.05	7.62	7.60

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$291.82	$309.40	$294.70	40.7	42.5	42.1	$7.17	$7.28	$7.00
Durable Goods	315.24	344.83	318.75	41.1	44.9	42.5	7.67	7.68	7.50
Lumber and Wood Products	214.86	236.39	219.57	38.3	41.4	39.0	5.61	5.71	5.63
Stone, Clay, and Glass Products	301.20	340.32	223.72	43.4	48.0	37.6	6.94	7.09	5.95
Fabricated Metal Products	218.48	220.60	236.08	38.6	38.5	41.2	5.66	5.73	5.73
Machinery, except Electrical	259.58	263.33	242.40	38.4	40.7	40.0	6.76	6.47	6.06
Transportation Equipment	390.73	435.87	414.32	44.1	49.7	46.5	8.86	8.77	8.91
Nondurable Goods	245.17	243.84	249.26	39.8	38.1	41.2	6.16	6.40	6.05
Food and Kindred Products	251.72	230.89	239.94	40.6	38.1	43.0	6.20	6.06	5.58
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	246.74	251.14	248.22	36.5	38.4	40.1	6.76	6.54	6.19

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,600 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$302.15	$307.26	$285.68	39.6	39.8	39.9	$7.63	$7.72	$7.16
Durable Goods	286.72	284.89	267.85	40.1	39.9	40.4	7.15	7.14	6.63
Stone, Clay, and Glass Products	244.40	207.17	221.25	37.2	34.3	37.5	6.57	6.04	5.90
Fabricated Metal Products	344.79	324.85	280.55	43.7	42.8	40.6	7.89	7.59	6.91
Electric and Electronic Equipment	1) 304.86	1) 315.22	307.54	42.4	43.3	43.5	1) 7.19	1) 7.28	7.07
Nondurable Goods	323.14	339.70	306.15	38.7	39.5	39.3	8.35	8.60	7.79
Food and Kindred Products	274.54	344.88	301.51	37.1	43.6	40.8	7.40	7.91	7.39

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$339.55	$349.51	$307.20	39.3	40.5	40.0	$ 8.64	$ 8.63	$ 7.68
Durable Goods	1) 185.84	1) 186.96	[illegible]	1) 36.8	1) 38.0	39.8	1) 5.05	1) 4.92	4.80
Lumber and Wood Products and Furniture and Fixtures	1) 197.37	1) 203.19	178.22	1) 38.7	1) 39.0	38.0	1) 5.10	1) 5.21	4.69
Nondurable Goods	382.00	391.27	343.60	40.0	41.1	40.0	9.55	9.52	8.59
Food & Kindred Products	305.89	234.01	250.74	49.1	38.3	44.3	6.23	6.11	5.66
Chemicals & Allied Products	443.59	478.58	380.72	42.9	46.6	41.7	10.34	10.27	9.13

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,700 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$363.67	$358.18	$336.61	41.0	40.2	41.0	$ 8.87	$ 8.91	$ 8.21
Durable Goods	331.63	313.89	307.35	40.1	38.8	41.2	8.27	8.09	7.46
Lumber and Wood Products	197.60	195.61	191.76	38.0	39.2	40.8	5.20	4.99	4.70
Furniture and Fixtures	189.12	154.63	187.16	39.4	32.9	41.5	4.80	4.70	4.51
Primary Metal Industries	456.97	447.22	467.52	31.8	37.9	41.3	14.37	11.80	11.32
Fabricated Metal Products	450.01	383.14	406.51	44.6	41.6	43.9	10.09	9.21	9.26
Fabricated Structural Metal Products	510.59	414.50	473.85	46.8	41.7	45.0	10.91	9.94	10.53
Nondurable Goods	376.24	377.51	346.01	41.3	40.9	40.9	9.11	9.23	8.46
Food and Kindred Products	294.84	269.06	217.56	42.0	40.4	36.2	7.02	6.66	6.01
Tobacco Manufactures	462.00	461.89	453.68	42.0	41.8	42.8	11.00	11.05	10.60
Cigarettes	470.64	472.76	467.41	42.4	42.4	43.0	11.10	11.15	10.87
Apparel and Other Textile Products	180.88	179.72	162.31	38.9	38.9	38.1	4.65	4.62	4.26
Paper and Allied Products	330.79	331.27	305.11	42.3	42.2	42.2	7.82	7.85	7.23
Printing and Publishing	351.39	355.55	309.99	39.0	38.9	38.7	9.01	9.14	8.01
Chemicals and Allied Products	393.46	385.43	358.07	40.9	39.9	41.3	9.62	9.66	8.67

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,300 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
MANUFACTURING	$267.60	$257.26	$240.39	40.0	39.7	39.8	$6.69	$6.48	$6.04
Durable Goods	283.59	268.92	251.74	41.4	40.5	41.0	6.85	6.64	6.14
Fabricated Metal Products	266.25	241.96	223.44	42.6	39.6	39.9	6.25	6.11	5.60
Fabricated Structural Metal Products	275.80	245.07	230.40	42.3	38.9	40.0	6.52	6.30	5.76
Nondurable Goods	245.74	241.25	224.79	38.1	38.6	38.1	6.45	6.25	5.90
Food and Kindred Products	269.62	277.10	245.72	44.2	45.5	43.8	6.10	6.09	5.61
Textile Mill Products	194.62	181.30	167.50	37.0	37.0	36.1	5.26	4.90	4.64

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 13,800 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980	October 1981	September 1981	October 1980
Virginia	$276.50	$276.80	$252.65	$216.12	$216.32	$201.09	$236.37	$236.60	$219.71
Bristol Area	227.29	228.23	207.38	182.18	182.84	168.87	199.29	200.00	185.07
Lynchburg SMSA	272.52	271.88	248.32	213.44	213.01	198.06	233.37	232.89	216.43
Norfolk-Virginia Beach-Portsmouth SMSA	291.82	309.40	294.70	226.44	238.21	229.91	247.92	261.06	251.62
Northern Virginia Area	302.15	307.26	285.68	233.40	236.84	223.79	255.70	259.51	244.77
Petersburg-Colonial Heights-Hopewell SMSA	339.55	349.51	307.20	257.31	263.62	236.29	282.87	290.08	261.07
Richmond SMSA	323.67	358.18	336.61	247.25	269.12	257.20	271.39	296.35	282.50
Roanoke SMSA	267.60	257.26	240.39	210.13	202.97	192.52	229.67	221.87	210.41

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	October 2/ 1981	September 1981	October 1980	September 1980
NONAGRICULTURAL	2,137.6	2,137.8	2,128.6	2,119.2
MANUFACTURING	402.3	407.1	409.1	406.1
Durable Goods	184.8	187.2	187.6	186.2
Lumber & Wood Products	23.1	23.7	23.4	23.1
Furniture and Fixtures	25.1	26.3	25.5	25.8
Stone, Clay and Glass Products	12.1	12.2	12.5	12.5
Primary Metal Industries	11.4	11.5	11.8	11.7
Fabricated Metal Products	20.4	20.4	20.5	20.4
Machinery, except Electrical	14.6	14.4	15.4	15.2
Electric and Electronic Equipment	34.2	34.4	33.0	33.1
Transportation Equipment	36.3	36.5	37.8	36.6
Instruments and Related Products	4.1	4.1	4.1	4.0
Nondurable Goods	217.5	220.0	221.6	220.0
Food and Kindred Products	39.7	39.8	40.8	40.5
Tobacco Manufactures	16.0	16.8	16.8	16.6
Textile Mill Products	43.6	44.8	44.2	44.3
Apparel and Other Textile Products	33.5	33.7	34.1	33.9
Paper and Allied Products	14.2	14.4	14.5	14.4
Printing and Publishing	21.9	22.0	21.9	22.1
Chemicals and Allied Products	32.9	32.8	33.4	32.8
Leather and Leather Products	3.4	3.4	3.6	3.6
MINING	23.8	23.8	22.8	23.1
Bituminous Coal and Lignite Mining	21.0	21.1	19.8	19.9
CONTRACT CONSTRUCTION	111.0	110.8	121.7	121.0
TRANSPORTATION & PUBLIC UTILITIES	117.8	117.0	116.0	114.5
Railroad Transportation	14.0	14.4	14.0	14.4
Trucking and Warehousing	29.2	28.9	29.5	28.8
Transportation by Air	10.6	10.8	10.7	10.8
Communication	30.4	30.1	29.5	29.4
Electric, Gas and Sanitary Services	17.8	17.8	16.6	16.8
WHOLESALE AND RETAIL TRADE	464.1	463.8	449.8	449.4
Wholesale Trade	107.3	105.3	106.2	105.2
Retail Trade	358.2	358.8	345.0	344.6
General Merchandise Stores	56.3	57.4	55.6	55.7
Food Stores	56.5	56.4	54.9	54.9
FINANCE, INSURANCE & REAL ESTATE	108.4	107.6	106.5	104.6
Banking	31.4	31.4	31.0	30.8
Insurance Carriers	20.2	20.3	20.1	20.0
SERVICES	405.3	402.3	391.3	387.2
Personal Services	25.1	25.1	25.1	25.0
Business Services	79.5	78.5	77.4	76.2
GOVERNMENT	506.5	506.0	512.6	513.6
Federal Government	156.6	156.1	155.0	154.2
State and Local Government	349.5	348.3	357.2	357.8
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.1	39.3	39.2	39.1
Durable Goods	40.1	40.0	39.6	39.6
Lumber and Wood Products	37.2	37.3	37.7	38.0
Furniture and Fixtures	37.4	36.4	37.8	37.0
Household & Office Furniture	37.4	36.2	37.6	36.7
Stone, Clay & Glass Products	41.6	40.4	39.8	39.5
Primary Metal Industries	38.8	35.8	37.5	38.6
Fabricated Metal Products	42.0	40.7	41.0	40.8
Fabricated Structural Metal Products	42.0	40.2	41.6	41.9
Machinery, except Electrical	41.4	40.8	40.5	41.1
Electric and Electronic Equipment	39.9	39.4	40.6	39.0
Instruments & Related Products	38.2	38.4	40.6	40.2
Miscellaneous Manufacturing Industries	38.3	36.2	38.0	37.8
Nondurable Goods	38.3	38.7	38.9	38.6
Food & Kindred Products	38.6	37.3	37.6	37.8
Tobacco Manufactures	36.6	38.1	40.4	40.0
Cigarettes	37.2	38.2	41.3	39.0
Textile Mill Products	38.4	38.0	39.4	40.1
Weaving Mills, Cotton, Synthetics and Wool	38.4	41.5	40.8	41.2
Knitting Mills	37.2	36.7	36.9	38.2
Apparel & Other Textile Products	34.5	35.3	35.0	34.4
Men's and Boys' Suits, Coats and Furnishings	33.9	33.9	35.8	36.5
Women's and Children's Outerwear & Undergarments	33.3	35.3	34.4	31.8
Paper & Allied Products	41.9	42.8	43.0	42.5
Pulp, Paper and Paperboard	42.8	44.6	44.9	43.7
Printing and Publishing	36.8	38.3	37.8	37.2
Newspapers and Periodicals	33.6	35.2	35.9	36.1
Chemicals & Allied Products	41.3	45.2	41.9	40.3
Plastics Materials & Synthetics	41.2	45.4	41.8	39.7
Agricultural Chemicals	41.5	42.1	43.7	39.9
Leather & Leather Products	34.7	36.9	36.6	37.2

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.6	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.9	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	406.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.6	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.6	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,086.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.8	114.3	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.3	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.5	396.4	512.3
June	2,130.2	409.6	21.8	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,128.3	405.2	23.6	110.0	118.0	461.8	106.7	400.5	503.9
September	2,137.8	407.1	23.8	110.8	117.0	463.8	107.6	402.3	506.0
October	2,137.6	402.3	23.8	111.0	117.8	464.1	108.4	405.3	506.5
November									
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

12/30/21 S8270-2 A

EMPLOYMENT HOURS AND EARNINGS

VOLUME 31
NUMBER 12

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

December 1981

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
Fourth Street Office Building
Richmond, Virginia
Telephone 804-786-2379 or 2385

Robert F. Beard, Jr. — Commissioner
Texa B. Thurston — Director of Research
Ruby L. Butler — Editor

CONTENTS

List of Statistical Tables — Page
Employment Development, November 1981 — 1 & 2
Statistical Tables:

Not Seasonally Adjusted

Employment

State of Virginia

A- 1. Employees on nonagricultural payrolls, by industry, November 1981 . . . . . 4 & 5
A- 2. Employees on nonagricultural payrolls, by industry division to date 6
A- 3. Female Employees on nonagricultural payrolls, by industry, November 1981 7
A- 4. Production Workers on manufacturing payrolls, by industry, November 1981 8

Standard Metropolitan Statistical Areas

A- 5. Bristol, Va. - Employees on nonagricultural payrolls, by industry, November 1981 9
A- 6. Lynchburg, Va. - Employees on nonagricultural payrolls, by industry, November 1981 9
A- 7. Newport News, Va. - Employees on nonagricultural payrolls, by industry, November 1981 10
A- 8. Norfolk-Virginia Beach-Portsmouth, Va. - Employees on nonagricultural payrolls, by industry, November 1981 10
A- 9. Northern Virginia, Va. - Employees on nonagricultural payrolls, by industry, November 1981 11
A-10. Petersburg, Va. - Employees on nonagricultural payrolls, by industry, November 1981 11
A-11. Richmond, Va. - Employees on nonagricultural payrolls, by industry, November 1981 12
A-12. Roanoke, Va. - Employees on nonagricultural payrolls, by industry, November 1981 12

B- 1. Labor Force Estimates, U. S., Virginia and Metropolitan Areas, October 1981 3

Hours and Earnings

C- 1. State of Virginia - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 13
C- 2. Bristol Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 14
C- 3. Lynchburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 14
C- 4. Norfolk-Virginia Beach-Portsmouth SMSA - Gross hours and earnings of production workers on payrolls, by industry, November 1981 15
C- 5. Northern Virginia Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 15
C- 6. Petersburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 16
C- 7. Richmond SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 16
C- 8. Roanoke SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, November 1981 17
C- 9. Gross and Spendable Average Weekly Earnings of Factory Production Workers, Virginia and Metropolitan Areas, November 1981 17

Seasonally Adjusted

D- 1. Employees on Virginia nonagricultural payrolls, by industry, November 1981
Weekly Hours of Virginia Manufacturing Production Workers, by industry, November 1981 18
D- 2. Employees on Virginia nonagricultural payrolls, by industry division, 1972 to date 19

Explanatory Notes

A DOWNWARD TREND IN NONAGRICULTURAL EMPLOYMENT CONTINUED IN NOVEMBER

NONAGRICULTURAL EMPLOYMENT WITH 1,100 FEWER WORKERS ON PAYROLLS IN NOVEMBER 1981 CONTINUED TO MOVE DOWNWARD. However, employment did remain 8,300 ahead of November 1980 figures. Layoffs were widespread with the most severe reductions being made in construction, services and manufacturing. Over-the-month declines were also recorded by the financial segment and the transportation and public utilities division. Only trade, government and mining recorded higher levels of employment in November. When comparing averages for the first eleven months of 1980 and 1981, growth was recorded by the service-producing industries (trade, services, finance, government and transportation). All of the goods-producing industries (manufacturing, construction and mining) experienced losses in worker totals. Averages and percent changes are as follows:

	Employment Eleven Month Averages		Percent Change
	1981	1980	
Nonagricultural	2,137.3	2,118.3	.9
Manufacturing	408.1	410.3	- .5
Mining	22.3	23.9	- 6.7
Construction	114.1	124.6	- 8.4
Transportation & Public Utilities	116.1	114.7	1.2
Wholesale & Retail Trade	458.5	445.7	2.9
Finance, Insurance & Real Estate	107.7	105.5	2.1
Services	400.8	386.7	3.6
Government	509.7	506.9	.6

THE NUMBER OF WORKERS ON MANUFACTURING PAYROLLS ACROSS VIRGINIA DWINDLED BY 1,500 IN NOVEMBER, BRINGING THE TOTAL FOR THE DIVISION TO 405,800. This was the lowest figure recorded since July 1980 - a month when extensive and extended vacations without pay occurred. Among durable goods producers only transportation equipment had an upturn in jobholders. Reductions in the workforce ranged from a minus 600 in fabricated structural metal products down to one hundred in primary metals, machinery and electric and electronic equipment. Furniture, instruments and the miscellaneous group were unchanged over the month. Among nondurable goods producers seasonal increases by the food, tobacco and printing segments permitted these to be in the plus column. Losses took place in textile mills, chemical establishments, leather factories and in rubber and plastics products plants. The 309,000 factory production workers in Virginia earned $276.59 during November, which was $1.61 less than the $278.20 earned during October 1981. (Over-the-year earnings rose $18.04.) The decline in weekly earnings was in part attributable to the

A DOWNWARD TREND IN NONAGRICULTURAL EMPLOYMENT CONTINUED IN NOVEMBER

(continued from page 1)

shorter workweek reported in November. The 39.4 hour average workweek was four-tenths of an hour less than the previous month and five-tenths of an hour less than a year ago. The decline in the number of lower-paid workers and a few scattered wage rate increases boosted average hourly earnings by three cents to $7.02. This was 54 cents higher than last year's average. Trends in the metropolitan areas were mixed with ups and downs in both hours and earnings.

FINANCE, CONSTRUCTION AND SERVICES DIVISIONS ALSO MOVED DOWNWARD DURING NOVEMBER. Downturns in construction and services are not considered unusual for the period as colder weather closes down many warm-weather tourist attractions and outdoor construction abates with colder temperatures. While services' over-the-month cuts were not as deep as in previous years, a drop of 1,900 occurred. Construction worker totals continued to shrink with a loss of 2,200 workers, leaving construction well below year-ago levels. Much of finance's downtrend was in real estate agencies. The same old song of high interest rates and tight money was sung in November.

BRIGHT SPOTS IN THE EMPLOYMENT PICTURE WERE TRADE, GOVERNMENT AND MINING. The 3,000 rise in trade boosted payrolls to 471,900. November's increase was smaller than normal and reflects wariness on the part of merchants with regards to a "best-ever" Christmas buying season. Over-the-year growth in trade has occurred despite problems in some stores. Shopping centers have continued to open in many areas even though sales have been below expectations. Government's employment rise was found primarily in educational systems and in defense agencies. Activity in mines picked up and a 200 increase in workers was recorded for November.

THE BUREAU OF LABOR STATISTIC'S ALL URBAN CONSUMER PRICE INDEX (U. S. CITY AVERAGE) for November 1981 was 280.7 (1967=100). This was 0.3 percent increase over the month and a 9.6 percent increase over the year. The Urban Wage Earners and Clerical Worker's Index at 280.4 represents a 0.3 percent increase over October 1981 and 9.4 percent increase over November 1980. Index figures for December 1981 will be available on January 22, 1982 and may be obtained by calling 804-786-4490.

THE PRODUCER PRICE INDEX for all commodities for November 1981 was 295.5 (1967=100). The monthly change was a minus 0.5 percent and the yearly increase was 7.1 percent. The index for finished goods rose 0.2 percent in November to 274.5. The over-the-year gain was 7.1 percent.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary October 1981	Revised September 1981	October 1980
UNITED STATES			
Civilian Labor Force	106,926,000	105,964,000	105,415,000
Employed	98,902,000	98,277,000	97,933,000
Unemployed	8,024,000	7,687,000	7,482,000
Rate	7.5	7.3	7.1
VIRGINIA			
Civilian Labor Force	2,556,800	2,555,800	2,553,100
Employed	2,419,800	2,414,000	2,427,600
Unemployed	137,000	141,800	125,500
Rate	5.4	5.5	4.9
BRISTOL AREA			
Civilian Labor Force	39,160	39,180	39,790
Employed	37,020	36,890	37,620
Unemployed	2,140	2,290	2,170
Rate	5.5	5.9	5.5
LYNCHBURG SMSA			
Civilian Labor Force	76,480	75,710	77,450
Employed	72,700	72,110	73,690
Unemployed	3,780	3,600	3,760
Rate	4.9	4.8	4.9
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	172,820	172,660	170,910
Employed	163,400	162,520	162,030
Unemployed	9,420	10,140	8,880
Rate	5.5	5.9	5.2
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	334,880	336,680	329,490
Employed	315,590	315,940	310,680
Unemployed	19,290	20,740	18,810
Rate	5.8	6.2	5.7
NORTHERN VIRGINIA AREA			
Civilian Labor Force	577,800	576,500	571,300
Employed	556,600	553,800	551,900
Unemployed	21,200	22,700	19,400
Rate	3.7	3.9	3.4
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	59,400	59,440	60,740
Employed	55,410	54,870	56,950
Unemployed	3,990	4,570	3,790
Rate	6.7	7.7	6.2
RICHMOND SMSA			
Civilian Labor Force	334,770	335,210	332,440
Employed	321,710	321,020	321,010
Unemployed	13,060	14,190	11,430
Rate	3.9	4.2	3.4
ROANOKE SMSA			
Civilian Labor Force	110,570	109,780	112,090
Employed	103,630	103,690	107,030
Unemployed	6,940	6,090	5,060
Rate	6.3	5.5	4.5

1/ All data adjusted to a place-of-residence basis.

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL 1/	2,151.1	2,152.2	2,142.8	- 1.1	8.3
MANUFACTURING	405.8	407.3	414.2	- 1.5	- 8.4
Durable Goods	185.0	185.8	189.2	- .8	- 4.2
Lumber and Wood Products	23.1	23.3	23.7	- .2	- .6
Millwork, Plywood and Structural Members	6.1	6.2	6.2	- .1	- .1
Wood Containers	1.8	1.8	1.8	0	0
Wood Buildings and Mobile Homes	3.1	3.0	3.2	.1	- .1
Miscellaneous Wood Products	1.9	2.0	2.0	- .1	- .1
Furniture and Fixtures	25.3	25.3	25.6	0	- .3
Household and Office Furniture	23.8	23.8	24.0	0	- .2
Stone, Clay and Glass Products	12.0	12.2	12.7	- .2	- .7
Structural Clay Products	.7	.8	.9	- .1	- .2
Concrete Gypsum and Plaster Products	7.1	7.1	7.3	0	- .2
Glass and Glass Products	1.6	1.6	1.7	0	- .1
Primary Metal Industries	11.5	11.6	11.9	- .1	- .4
Fabricated Metal Products	19.8	20.4	20.5	- .6	- .7
Fabricated Structural Metal Products	12.4	12.7	13.0	- .3	- .6
Machinery, except Electrical	14.4	14.5	15.3	- .1	- .9
Construction and Related Machinery	4.4	4.4	4.6	0	- .2
Special Industry Machinery	2.4	2.4	2.4	0	0
Refrigeration and Service Machinery	2.1	2.1	1.9	0	.2
Electric and Electronic Equipment	34.3	34.4	33.4	- .1	.9
Communication Equipment	11.8	11.8	11.4	0	.4
Electronic Components and Accessories	5.7	5.7	5.3	0	.4
Transportation Equipment	37.2	36.7	38.5	.5	- 1.3
Instruments and Related Products	4.0	4.0	4.1	0	- .1
Miscellaneous Manufacturing Industries	3.4	3.4	3.5	0	- .1
Nondurable Goods	220.8	221.5	225.0	- .7	- 4.2
Food and Kindred Products	42.6	42.0	42.7	.6	- .1
Meat Products	13.2	13.1	13.4	.1	- .2
Dairy Products	3.1	3.1	2.7	0	.4
Preserved Fruits and Vegetables	4.1	4.1	4.3	0	- .2
Bakery Products	4.9	4.9	5.0	0	- .1
Beverages	5.7	5.8	5.7	- .1	0
Tobacco Manufactures	17.1	17.0	18.0	.1	- .9
Cigarettes	14.1	13.6	14.4	.5	- .3
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	2.6	3.0	3.2	- .4	- .6
Textile Mill Products	43.5	44.1	44.7	- .6	- 1.2
Weaving Mills, Cotton, Synthetics and Wool	18.7	18.7	19.0	0	- .3
Narrow Fabric Mills	1.0	1.1	1.2	- .1	- .2
Knitting Mills	13.4	13.8	14.1	- .4	- .7
Textile Finishing, except Wool	4.4	4.6	4.7	- .2	- .3
Yarn and Thread Mills	3.1	3.1	2.9	0	.2
Miscellaneous Textile Goods	1.3	1.3	1.2	0	.1
Apparel and Other Textile Products	33.9	33.9	34.3	0	- .4
Men's and Boys' Suits, Coats and Furnishings	12.3	12.3	13.4	0	- 1.1
Women's and Children's Outerwear & Undergarments	17.7	17.7	17.0	0	.7
Miscellaneous Fabricated Textile Products	1.9	1.9	1.7	0	.2
Paper and Allied Products	14.3	14.3	14.5	0	- .2
Pulp, Paper and Paperboard	7.7	7.7	7.6	0	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.0	6.0	6.1	0	- .1
Miscellaneous Converted Paper Products	2.4	2.4	2.3	0	.1
Paperboard Containers and Boxes	3.6	3.6	3.8	0	- .2
Printing and Publishing	22.2	22.0	22.2	.2	0
Newspapers and Periodicals	8.3	8.2	8.4	.1	- .1
Commercial Printing	8.4	8.3	8.3	.1	.1
Chemicals and Allied Products	32.1	32.7	33.2	- .6	- 1.1
Industrial Inorganic Chemicals	.8	.9	.8	- .1	0
Plastics Materials and Synthetics	18.5	19.0	19.7	- .5	- 1.2
Drugs	2.9	2.8	2.7	.1	.2
Agricultural Chemicals	1.4	1.4	1.6	0	- .2
Miscellaneous Chemical Products	3.6	3.7	3.4	- .1	.2
Petroleum, Rubber and Misc. Plastics Products	11.8	12.1	11.8	- .3	0
Miscellaneous Plastics Products	5.7	5.8	5.6	- .1	.1
Rubber and Rubber Products	5.7	5.9	5.9	- .2	- .2
Leather and Leather Products	3.3	3.4	3.6	- .1	- .3

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
(Continued from page 4)					
NONMANUFACTURING	1,745.3	1,744.9	1,728.6	.4	16.7
Mining	25.1	24.9	23.8	.2	1.3
Bituminous Coal and Lignite Mining	22.3	22.1	20.8	.2	1.5
Construction	112.1	114.3	123.2	- 2.2	- 11.1
Transportation and Public Utilities	117.2	117.3	115.3	- .1	1.9
Railroad Transportation	14.1	14.1	13.8	0	.3
Trucking and Warehousing	29.3	29.4	29.8	- .1	- .5
Transportation by Air	10.6	10.7	10.8	- .1	- .2
Communication	30.4	30.2	29.3	.2	1.1
Electric, Gas and Sanitary Services	17.8	17.8	16.7	0	1.1
Wholesale and Retail Trade	471.9	468.9	457.9	3.0	14.0
Wholesale	107.2	107.2	106.6	0	.6
Wholesale Trade Durable Goods	63.9	64.0	64.0	- .1	- .1
Wholesale Trade Nondurable Goods	43.3	43.2	42.6	.1	.7
Retail	364.7	361.7	351.3	3.0	13.4
General Merchandise Stores	60.0	57.6	59.4	2.4	.6
Department Stores	44.2	42.4	43.6	1.8	.6
Variety Stores	10.1	9.6	9.3	.5	.8
Food Stores	56.7	56.2	55.1	.5	1.6
Automotive Dealers and Service Stations	46.1	46.4	46.6	- .3	- .5
Furniture and Home Furnishings Stores	16.1	16.0	15.5	.1	.6
Miscellaneous Retail	44.8	44.9	44.4	- .1	.4
Finance, Insurance and Real Estate	107.2	107.9	106.0	- .7	1.2
Banking	31.4	31.4	31.0	0	.4
Insurance Carriers	20.1	20.1	20.0	0	.1
Real Estate	23.8	24.5	23.2	- .7	.6
Services	401.5	403.4	390.0	- 1.9	11.5
Personal Services	24.7	24.6	24.8	.1	- .1
Business Services	79.4	79.2	77.5	.2	1.9
Auto and Miscellaneous Repair Service	18.8	18.8	18.7	0	.1
Health Services	105.8	105.7	102.4	.1	3.4
Government	510.3	508.2	512.4	2.1	- 2.1
Federal Government	157.0	156.2	153.6	.8	3.4
State and Local Government	353.3	352.0	358.8	1.3	- 5.5
State Government	119.5	119.2	119.2	.3	.3
Local Government	233.8	232.8	239.6	1.0	- 5.8

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-2

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1970 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average:									
1970	1,518.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.9
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,098.5	413.2	24.2	135.3	114.3	439.9	103.4	374.6	493.6
1980	2,120.9	410.5	23.9	124.3	114.8	447.3	105.6	386.9	507.6
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	88.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.9	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,052.9	412.3	24.2	119.9	112.9	433.0	100.1	360.9	489.6
February	2,628.7	402.9	24.4	111.6	112.0	425.2	100.5	363.3	488.8
March	2,060.9	406.6	24.6	125.1	113.5	430.5	100.5	370.3	489.8
April	2,082.8	407.4	24.4	132.8	111.0	437.0	101.0	376.2	492.1
May	2,101.6	409.4	24.7	139.1	112.6	440.2	102.6	377.8	495.2
June	2,122.5	411.1	24.6	145.1	116.4	440.0	104.7	381.6	499.0
July	2,116.3	413.7	24.6	147.6	115.9	440.0	105.7	380.1	488.7
August	2,115.1	416.5	24.4	148.0	115.6	440.0	105.9	379.0	485.7
September	2,120.2	420.3	23.5	143.9	115.4	440.6	105.2	377.5	493.8
October	2,124.4	420.7	23.5	139.8	114.8	444.0	105.0	378.3	498.3
November	2,127.8	419.5	23.6	136.9	114.9	452.0	104.3	375.9	500.7
December	2,128.1	417.6	23.6	134.4	115.5	456.9	104.7	374.4	501.0
1980:									
January	2,097.2	414.1	23.8	124.2	113.5	442.3	104.3	373.1	501.9
February	2,087.5	414.6	23.9	116.2	113.1	436.7	104.4	375.6	503.0
March	2,097.5	414.4	23.7	120.2	113.8	436.6	104.3	379.0	505.5
April	2,108.1	412.2	23.9	122.9	114.8	437.3	104.6	382.5	509.9
May	2,119.9	408.7	23.8	125.0	114.7	442.3	105.3	387.0	513.1
June	2,132.7	405.8	24.2	127.5	115.6	446.3	106.2	391.7	515.4
July	2,113.4	399.4	24.0	129.2	115.4	447.6	106.7	394.6	496.5
August	2,124.1	405.5	23.9	129.4	115.5	451.2	106.6	395.2	496.8
September	2,136.2	410.6	24.0	127.0	114.7	451.7	106.0	392.2	510.0
October	2,141.4	413.6	23.9	125.2	115.4	453.4	105.9	392.9	511.1
November	2,142.8	414.2	23.8	123.2	115.3	457.9	106.0	390.0	512.4
December	2,150.4	413.5	23.6	120.9	115.4	464.9	106.4	389.5	516.4
1981:									
January	2,110.4	408.7	23.6	107.1	114.3	448.5	105.7	388.0	514.5
February	2,106.7	406.4	23.8	106.9	114.2	444.9	105.7	389.7	515.3
March	2,118.1	408.8	23.9	110.9	114.1	446.0	106.6	391.9	515.9
April	2,123.2	407.8	13.5	114.4	113.7	452.0	107.5	397.9	516.4
May	2,131.2	408.7	13.5	115.9	114.5	455.7	107.5	400.0	515.4
June	2,164.3	409.2	23.5	119.0	117.2	462.1	109.0	408.3	516.0
July	2,150.2	406.6	23.9	119.2	118.9	462.6	109.5	410.9	498.6
August	2,147.5	408.1	24.5	118.7	118.7	464.1	109.4	410.2	493.8
September	2,154.9	411.6	24.7	116.3	117.2	466.1	109.0	407.5	502.5
October	2,152.2	407.3	24.9	114.3	117.3	468.9	107.9	403.4	508.2
November	2,151.1	405.8	25.1	112.1	117.2	471.9	107.2	401.5	510.3
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL 1/	919.3	916.5	898.8	2.8	20.5
MANUFACTURING	144.3	144.7	145.6	- .4	- 1.3
Durable Goods	45.3	45.6	45.0	- .3	.3
Lumber and Wood Products	4.1	4.2	4.2	- .1	- .1
Furniture and Fixtures	8.9	8.9	8.7	0	.2
Stone, Clay and Glass Products	1.4	1.4	1.4	0	0
Primary Metal Industries	1.8	1.8	2.0	0	- .2
Fabricated Metal Products	3.5	3.5	3.4	0	.1
Machinery, except Electrical	2.3	2.3	2.5	0	- .2
Electric and Electronic Equipment	15.5	15.7	15.0	- .2	.5
Transportation Equipment	4.8	4.8	5.1	0	- .3
Instruments and Related Products	1.8	1.8	1.6	0	.2
Miscellaneous Manufacturing Industries	1.2	1.2	1.1	0	.1
Nondurable Goods	99.0	99.1	100.6	- .1	- 1.6
Food and Kindred Products	15.6	15.1	15.4	.5	.2
Tobacco Manufactures	5.6	5.6	6.0	0	- .4
Textile Mill Products	23.4	24.0	24.6	- .6	- 1.2
Apparel and Other Textile Products	30.4	30.3	30.6	.1	- .2
Paper and Allied Products	2.5	2.5	2.5	0	0
Printing and Publishing	8.1	8.0	7.7	.1	.4
Chemicals and Allied Products	8.3	8.5	8.5	- .2	- .2
Petroleum, Rubber and Misc. Plastics Products	2.6	2.6	2.6	0	0
Leather and Leather Products	2.5	2.5	2.7	0	- .2
NONMANUFACTURING	775.0	771.8	753.2	3.2	21.8
Mining	.7	.7	.6	0	.1
Construction	7.7	7.9	7.6	- .2	.1
Transportation and Public Utilities	29.6	29.3	28.2	.3	1.4
Wholesale and Retail Trade	200.8	198.6	189.4	2.2	11.4
Wholesale Trade	22.5	22.4	20.6	.1	1.9
Retail Trade	178.3	176.2	168.8	2.1	9.5
Finance, Insurance and Real Estate	62.3	62.6	60.7	- .3	1.6
Services	222.8	223.2	215.9	- .4	6.9
Government	251.1	249.5	250.8	1.6	.3
Federal Government	56.5	55.9	55.2	.6	1.3
State and Local Government	194.6	193.6	195.6	1.0	- 1.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
MANUFACTURING	309.0	310.6	317.6	- 1.6	- 8.6
Durable Goods	138.2	139.0	143.2	- .8	- 5.0
Lumber and Wood Products	19.4	19.5	20.1	- .1	- .7
Millwork, Plywood and Structural Members	5.1	5.1	5.1	0	0
Wood Containers	1.6	1.7	1.6	- .1	0
Wood Buildings and Mobile Homes	2.2	2.1	2.4	.1	- .2
Miscellaneous Wood Products	1.6	1.8	1.8	- .2	- .2
Furniture and Fixtures	21.1	21.2	21.6	- .1	- .5
Household and Office Furniture	20.1	20.1	20.5	0	- .4
Stone, Clay and Glass Products	9.4	9.6	10.0	- .2	- .6
Structural Clay Products	.6	.7	.8	- .1	- .2
Concrete Gypsum and Plaster Products	5.7	5.7	5.8	0	- .1
Glass and Glass Products	1.2	1.3	1.3	- .1	- .1
Primary Metal Industries	6.1	6.2	6.5	- .1	- .4
Fabricated Metal Products	12.8	13.3	13.4	- .5	- .6
Fabricated Structural Metal Products	7.0	7.3	7.7	- .3	- .7
Machinery, except Electrical	9.8	9.9	10.7	- .1	- .9
Construction and Related Machinery	2.7	2.6	2.8	.1	- .1
Special Industry Machinery	1.4	1.4	1.5	0	- .1
Refrigeration and Service Machinery	1.3	1.3	1.2	0	.1
Electric and Electronic Equipment	22.7	22.9	22.5	- .2	.2
Communication Equipment	7.4	7.4	7.1	0	.3
Electronic Components and Accessories	3.5	3.5	3.4	0	.1
Transportation Equipment	31.7	31.2	33.3	.5	- 1.6
Instruments and Related Products	2.5	2.5	2.4	0	.1
Miscellaneous Manufacturing Industries	2.7	2.7	2.7	0	0
Nondurable Goods	170.8	171.6	174.4	- .8	- 3.6
Food and Kindred Products	31.6	31.1	31.2	.5	.4
Meat Products	11.4	11.3	11.5	.1	- .1
Dairy Products	1.7	1.7	1.3	0	.4
Preserved Fruits and Vegetables	3.5	3.6	3.5	- .1	0
Bakery Products	2.4	2.5	2.5	- .1	- .1
Beverages	2.5	2.5	2.3	0	.2
Tobacco Manufactures	12.6	12.6	13.4	0	- .8
Cigarettes	10.5	10.2	10.6	.3	- .1
Cigars and Chewing and Smoking Tobacco	.3	.3	.3	0	0
Tobacco Stemming and Redrying	1.8	2.1	2.5	- .3	- .7
Textile Mill Products	38.8	39.5	40.0	- .7	- 1.2
Weaving Mills, Cotton, Synthetics and Wool	16.4	16.4	16.6	0	- .2
Narrow Fabric Mills	1.0	1.0	1.1	0	- .1
Knitting Mills	12.1	12.6	13.0	- .5	- .9
Textile Finishing, except Wool	3.9	4.1	4.3	- .2	- .4
Yarn and Thread Mills	2.8	2.8	2.6	0	.2
Miscellaneous Textile Goods	1.1	1.1	1.1	0	0
Apparel and Other Textile Products	30.4	30.3	31.1	.1	- .7
Men's and Boys' Suits, Coats and Furnishings	11.0	10.9	12.3	.1	- 1.3
Women's and Children's Outerwear & Undergarments	16.2	16.2	15.6	0	.6
Miscellaneous Fabricated Textile Products	1.5	1.5	1.3	0	.2
Paper and Allied Products	10.7	10.7	10.9	0	- .2
Pulp, Paper and Paperboard	5.3	5.3	5.3	0	0
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.0	5.0	5.1	0	- .1
Miscellaneous Converted Paper Products	2.1	2.1	2.1	0	0
Paperboard Containers and Boxes	2.9	2.9	3.0	0	- .1
Printing and Publishing	13.3	13.2	13.0	.1	.3
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	6.5	6.5	6.3	0	.2
Chemicals and Allied Products	21.6	22.0	22.6	- .4	- 1.0
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	13.5	13.9	14.4	- .4	- .9
Drugs	1.6	1.5	1.2	.1	.4
Agricultural Chemicals	.7	.7	1.0	0	- .3
Miscellaneous Chemical Products	2.4	2.4	2.3	0	.1
Petroleum, Rubber and Misc. Plastics Products	8.8	9.1	9.0	- .3	- .2
Miscellaneous Plastics Products	4.2	4.3	4.1	- .1	.1
Rubber and Rubber Products	4.4	4.6	4.6	- .2	- .2
Leather and Leather Products	3.0	3.1	3.2	- .1	- .2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	29.2	29.3	29.0	- .1	.2
MANUFACTURING	9.3	9.5	9.3	- .2	0
Durable Goods	4.4	4.6	4.5	- .2	- .1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	1.9	2.1	2.1	- .2	- .2
Other Durable Goods 1/	2.0	2.0	1.8	0	.2
Nondurable Goods	4.9	4.9	4.8	0	.1
Food and Kindred Products	1.7	1.7	1.6	0	.1
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	2.0	2.1	0	- .1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.4	0	.1
NONMANUFACTURING	19.9	19.8	19.7	.1	.2
Construction	1.3	1.4	1.4	- .1	- .1
Transportation & Public Utilities	1.3	1.3	1.2	0	.1
Trade	7.2	7.0	6.8	.2	.4
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.5	5.3	5.1	.2	.4
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.8	3.9	0	- .1
Government	5.3	5.3	5.4	0	- .1
State and Local Government	5.0	5.0	5.1	0	- .1

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	72.0	71.9	72.6	.1	- .6
MANUFACTURING	29.2	29.3	29.1	- .1	.1
Durable Goods	18.5	18.7	18.6	- .1	0
Lumber and Wood Products and Furniture and Fixtures	3.9	4.1	4.1	- .2	- .2
Other Durable Goods 1/	14.7	14.6	14.5	.1	.2
Nondurable Goods	10.6	10.6	10.5	0	.1
Food and Kindred Products	1.8	1.8	1.6	0	.2
Textile Mill Products	1.7	1.8	1.7	- .1	0
Apparel & Other Textile Products	2.5	2.4	2.6	.1	- .1
Paper and Allied Products	1.2	1.1	1.0	.1	.2
Other Nondurable Goods 2/	3.4	3.5	3.6	- .1	- .2
NONMANUFACTURING	42.8	42.6	43.5	.2	- .7
Construction	3.4	3.4	3.8	0	- .4
Transportation and Public Utilities	2.6	2.6	2.7	0	- .1
Wholesale and Retail Trade	11.4	11.2	11.7	.2	- .3
Wholesale Trade	2.2	2.2	2.1	0	.1
Retail Trade	9.2	9.0	9.6	.2	- .4
Finance, Insurance and Real Estate	3.5	3.6	3.7	- .1	- .2
Services and Mining	11.0	11.0	11.1	0	- .1
Government	10.9	10.8	10.5	.1	.4

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	156.5	157.1	154.4	- .6	2.1
MANUFACTURING	34.9	34.8	35.9	.1	- 1.0
Durable Goods	28.1	28.0	29.6	.1	- 1.5
Stone, Clay & Glass Products	.6	.5	.5	.1	.1
Transportation Equipment	24.3	24.3	25.5	0	- 1.2
Other Durable Goods 1/	3.2	3.2	3.6	0	- .4
Nondurable Goods	6.8	6.8	6.3	0	.5
Food & Kindred Products	3.0	2.9	2.8	.1	.2
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.5	0	.1
Printing and Publishing	1.2	1.2	1.2	0	0
Other Nondurable Goods 2/	2.0	2.1	1.8	- .1	.2
NONMANUFACTURING	121.6	122.3	118.5	- .7	3.1
Construction	7.2	7.1	7.2	.1	0
Transportation and Public Utilities	5.3	5.3	5.2	0	.1
Wholesale and Retail Trade	30.5	30.4	29.2	.1	1.3
Wholesale Trade	3.6	3.6	3.3	0	.3
Retail Trade	26.9	26.8	25.9	.1	1.0
Finance, Insurance and Real Estate	5.1	5.1	5.0	0	.1
Services and Mining	30.7	31.8	28.8	- 1.1	1.9
Government	42.8	42.6	43.1	.2	- .3
Federal Government	17.2	17.2	17.0	0	.2
State and Local Government	25.6	25.4	26.1	.2	- .5

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	292.2	291.8	284.6	.4	7.6
MANUFACTURING	29.7	29.4	29.3	.3	.4
Durable Goods	18.1	17.8	17.9	.3	.2
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.0	1.1	1.0	- .1	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	8.3	7.8	7.9	.5	.4
Other Durable Goods 1/	4.0	4.1	4.4	- .1	- .4
Nondurable Goods	11.6	11.6	11.4	0	.2
Food and Kindred Products	5.7	5.8	5.3	- .1	.4
Apparel & Other Textile Products	.8	.9	.9	- .1	- .1
Printing and Publishing	2.5	2.3	2.4	.2	.1
Chemicals and Allied Products	1.2	1.2	1.3	0	- .1
Agricultural Chemicals	.5	.5	.6	0	- .1
Other Nondurable Goods 2/	1.4	1.4	1.5	0	- .1
NONMANUFACTURING	262.5	262.4	255.3	.1	7.2
Construction	16.3	16.8	15.7	- .5	.6
Transportation & Public Utilities	19.7	19.7	18.6	0	1.1
Railroads	1.5	1.5	1.4	0	.1
Wholesale and Retail Trade	73.6	73.4	70.0	.2	3.6
Wholesale Trade	14.5	14.6	14.7	- .1	- .2
Retail Trade	59.1	58.8	55.3	.3	3.8
Finance, Insurance & Real Estate	14.6	14.8	14.4	- .2	.2
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.0	3.1	3.0	- .1	0
Services and Mining	57.5	57.8	55.7	- .3	1.8
Personal Services	4.3	4.3	4.0	0	.3
Government	80.8	79.9	80.9	.9	- .1
Federal Government	37.9	37.2	36.3	.7	1.6
State & Local Government	42.9	42.7	44.6	.2	- 1.7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	444.3	442.9	435.5	1.4	8.8
MANUFACTURING	18.1	18.2	17.1	- .1	1.0
Durable Goods	10.7	10.7	10.1	0	.6
Stone, Clay and Glass Products	.8	.9	1.0	- .1	- .2
Fabricated Metal Products	1.0	1.0	1.1	0	- .1
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	6.0	5.9	5.3	.1	.7
Other Durable Goods 1/	2.2	2.2	2.1	0	.1
Nondurable Goods	7.4	7.5	7.0	- .1	.4
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.9	4.5	- .1	.3
Other Nondurable Goods 2/	1.5	1.5	1.4	0	.1
NONMANUFACTURING	426.2	424.7	418.4	1.5	7.8
Mining	.3	.4	.4	- .1	- .1
Construction	27.2	28.0	27.7	- .8	- .5
Transportation & Public Utilities	28.6	28.6	29.3	0	- .7
Transportation By Air	7.6	7.7	8.4	- .1	- .8
Electric, Gas & Sanitary Service	3.7	3.7	3.6	0	.1
Wholesale and Retail Trade	104.0	102.5	100.5	1.5	3.5
Wholesale Trade	18.6	18.3	18.4	.3	.2
Retail Trade	85.4	84.2	82.1	1.2	3.3
General Merchandise Stores	13.9	13.1	13.4	.8	.5
Food Stores	9.4	9.3	9.2	.1	.2
Auto. Dealers & Service Stations	11.8	11.9	12.2	- .1	- .4
Apparel & Accessory Stores	5.6	5.4	5.6	.2	0
Eating & Drinking Places	24.8	24.9	22.8	- .1	2.0
Finance, Insurance & Real Estate	28.1	28.2	27.1	- .1	1.0
Banking	6.3	6.3	6.0	0	.3
Services	115.9	115.6	113.6	.3	2.3
Business Services	41.1	40.9	40.2	.2	.9
Government	122.1	121.4	119.8	.7	2.3
Federal Government	69.7	69.5	67.7	.2	2.0
State and Local Government	52.4	51.9	52.1	.5	.3

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	46.4	46.5	47.1	- .1	- .7
MANUFACTURING	11.1	11.1	11.8	0	- .7
Durable Goods	2.3	2.4	2.7	- .1	- .4
Lumber and Wood Products and Furniture & Fixtures	.6	.6	.6	0	0
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.1	0	.1
Other Durable Goods 1/	1.3	1.4	1.8	- .1	- .5
Nondurable Goods	8.8	8.7	9.1	.1	- .3
Food and Kindred Products	.3	.3	.4	0	- .1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.2	0	- .1
Chemicals and Allied Products	3.4	3.5	3.5	- .1	- .1
Other Nondurable Goods 2/	4.0	3.8	4.0	.2	0
NONMANUFACTURING	35.3	35.4	35.3	- .1	0
Construction	2.2	2.2	2.6	0	- .4
Transportation and Public Utilities	1.5	1.5	1.5	0	0
Wholesale and Retail Trade	8.4	8.4	8.1	0	.3
Wholesale Trade	1.2	1.3	1.2	- .1	0
Retail Trade	7.2	7.1	6.9	.1	.3
Finance, Insurance and Real Estate	1.3	1.3	1.3	0	0
Services and Mining	6.6	6.7	6.3	- .1	.3
Government	15.3	15.3	15.5	0	- .2
Federal Government	5.0	5.0	5.0	0	0
State and Local Government	10.3	10.3	10.5	0	- .2

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	329.2	328.7	327.9	.5	1.3
MANUFACTURING	56.0	55.8	56.3	.2	- .3
Durable Goods	17.9	17.8	17.7	.1	.2
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.2	2.1	2.3	.1	- .1
Stone, Clay & Glass Products	1.4	1.4	1.3	0	.1
Fabricated Metal Products	2.6	2.6	2.5	0	.1
Fabricated Structural Metal Products	1.9	1.9	1.8	0	.1
Machinery, except Electrical	2.2	2.1	2.1	.1	.1
Other Durable Goods 1/	8.1	8.2	8.1	- .1	0
Nondurable Goods	38.1	36.0	38.6	.1	- .5
Food & Kindred Products	4.1	4.2	4.2	- .1	- .1
Bakery Products	1.8	1.8	1.8	0	0
Tobacco Manufactures	12.5	12.4	12.9	.1	- .4
Cigarettes	11.5	11.5	11.9	0	- .4
Tobacco Stemming & Redrying	.7	.5	.6	.2	.1
Apparel & Other Textile Products	2.2	2.2	2.3	0	- .1
Paper & Allied Products	4.1	4.1	4.2	0	- .1
Printing and Publishing	5.3	5.3	5.2	0	.1
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.8	7.7	7.8	.1	0
Other Nondurable Goods 2/	2.1	2.1	2.0	0	.1
NONMANUFACTURING	273.2	272.9	271.6	.3	1.6
Mining	.3	.3	.4	0	- .1
Construction	15.9	16.1	16.5	- .2	- .6
Transportation & Public Utilities	20.2	20.3	19.8	- .1	.4
Wholesale & Retail Trade	74.9	74.7	74.1	.2	.8
Wholesale Trade	21.9	22.1	22.1	- .2	- .2
Retail Trade	53.0	52.6	52.0	.4	1.0
General Merchandise Stores	10.6	10.4	10.7	.2	- .1
Food Stores	7.5	7.5	7.5	0	0
Auto Dealers & Service Stations	5.7	5.8	5.6	- .1	.1
Finance, Insurance & Real Estate	26.4	26.4	26.8	0	- .4
Insurance Carriers	10.4	10.4	10.5	0	- .1
Services	61.2	61.2	59.2	0	2.0
Government	74.3	73.9	74.8	.4	- .5
Federal Government	7.8	7.8	7.8	0	0
State & Local Government	66.5	66.1	67.0	.4	- .5

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	November 1981	October 1981	November 1980	October 1981	November 1980
NONAGRICULTURAL	102.5	102.2	105.6	.3	- 3.1
MANUFACTURING	20.6	20.4	21.1	.2	- .5
Durable Goods	12.0	11.7	12.4	.3	- .4
Furniture & Fixtures	1.4	1.1	1.4	.3	0
Primary Metals & Fabricated Metal Products	2.5	2.5	2.5	0	0
Fabricated Structural Metal Products	1.1	1.1	1.3	0	- .2
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.4	6.4	6.8	0	- .4
Nondurable Goods	8.6	8.7	8.7	- .1	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.6	1.6	1.7	0	- .1
Apparel & Other Textile Products	1.6	1.6	1.6	0	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.7	2.6	- .1	0
NONMANUFACTURING	81.9	81.8	84.5	.1	- 2.6
Mining	.1	.1	.1	0	0
Construction	4.9	4.9	6.1	0	- 1.2
Transportation & Public Utilities	9.5	9.4	9.9	.1	- .4
Wholesale & Retail Trade	25.8	25.6	26.0	.2	- .2
Wholesale Trade	7.4	7.4	7.3	0	.1
Retail Trade	18.4	18.2	18.7	.2	- .3
Finance, Insurance & Real Estate	6.0	6.2	6.2	- .2	- .2
Services	19.9	20.1	19.8	- .2	.1
Government	15.7	15.5	16.4	.2	- .7
Federal Government	3.1	3.1	3.4	0	- .3
State & Local Government	12.6	12.4	13.0	.2	- .4

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$276.59	$278.20	$258.55	39.4	39.8	39.9	$ 7.02	$ 6.99	$ 6.48
Durable Goods	284.92	286.71	260.50	40.3	40.9	40.2	7.07	7.01	6.48
Lumber and Wood Products	190.32	199.30	187.72	36.6	38.4	38.0	5.20	5.19	4.94
Furniture and Fixtures	179.08	184.69	172.48	37.7	38.8	39.2	4.75	4.76	4.40
Household and Office Furniture	178.60	185.08	171.99	37.6	38.8	39.0	4.75	4.77	4.41
Stone, Clay and Glass Products	261.35	265.41	237.80	40.9	41.6	41.0	6.39	6.38	5.80
Structural Clay Products	248.78	261.51	207.97	45.9	42.8	41.1	5.42	6.11	5.06
Glass and Glass Products	290.66	269.87	240.98	39.6	40.4	38.7	7.34	6.68	6.07
Primary Metal Industries	352.35	355.25	329.38	40.5	40.6	39.4	8.70	8.75	8.36
Fabricated Metal Products	343.86	341.40	330.79	42.4	42.2	42.3	8.11	8.09	7.82
Fabricated Structural Metal Products	340.76	326.82	331.68	43.8	42.5	43.7	7.78	7.69	7.59
Machinery, except Electrical	310.54	307.57	279.16	40.7	40.9	40.4	7.63	7.52	6.91
Construction and Related Machinery	318.52	320.54	281.91	41.8	41.9	39.1	7.62	7.65	7.21
Special Industry Machinery	354.64	346.18	302.51	40.3	40.3	39.7	8.80	8.59	7.62
Refrigeration and Service Machinery	326.50	288.54	287.71	45.6	42.0	43.2	7.16	6.87	6.66
Electric and Electronic Equipment	289.74	288.64	268.11	39.8	40.2	40.5	7.28	7.18	6.62
Communication Equipment	316.01	306.15	291.21	39.9	39.2	40.9	7.92	7.81	7.12
Instruments and Related Products	1) 178.78	1) 169.00	211.73	38.2	36.5	40.1	1) 4.68	1) 4.63	5.28
Miscellaneous Manufacturing Industries	219.16	228.33	211.23	37.4	39.3	38.9	5.86	5.81	5.43
Nondurable Goods	270.13	270.74	257.00	38.7	38.9	39.6	6.98	6.96	6.49
Food and Kindred Products	250.86	251.02	232.02	38.3	39.1	38.8	6.55	6.42	5.98
Tobacco Manufactures	388.24	378.01	373.83	36.8	36.7	38.9	10.55	10.30	9.61
Cigarettes	425.97	421.87	417.09	37.3	37.4	39.2	11.42	11.28	10.64
Textile Mill Products	221.65	219.91	209.44	39.3	39.2	40.2	5.64	5.61	5.21
Weaving Mills, Cotton, Synthetics and Wool	243.00	240.59	232.27	40.5	40.3	41.7	6.00	5.97	5.57
Knitting Mills	197.38	193.21	181.74	38.4	37.3	38.1	5.14	5.18	4.77
Yarn and Thread Mills	196.71	202.10	185.95	41.5	43.0	41.6	4.74	4.70	4.47
Miscellaneous Textile Goods	235.39	241.36	214.24	40.1	41.4	41.2	5.87	5.83	5.20
Apparel and Other Textile Products	160.76	162.59	148.93	35.1	35.5	35.8	4.58	4.58	4.16
Men's and Boys' Suits, Coats and Furnishings	163.65	159.56	154.58	32.6	32.3	35.7	5.02	4.94	4.33
Women's and Children's Outerwear & Undergarments	151.55	156.52	143.78	35.0	35.9	35.5	4.33	4.36	4.05
Paper and Allied Products	362.06	366.36	349.80	42.1	42.6	44.0	8.60	8.60	7.95
Pulp, Paper and Paperboard	435.59	437.61	423.20	43.0	43.5	45.9	10.13	10.13	9.22
Misc. Converted Paper and Paperboard Products, Containers and Boxes	286.71	297.51	278.99	40.9	42.2	42.4	7.01	7.05	6.58
Printing and Publishing	316.92	325.46	302.59	38.0	38.2	38.4	8.34	8.52	7.88
Newspapers and Periodicals	262.02	266.33	250.88	33.0	33.5	34.7	7.94	7.95	7.23
Chemical and Allied Products	372.24	367.33	341.04	42.3	41.6	42.0	8.80	8.83	8.12
Plastic Materials and Synthetics	373.27	376.41	344.04	41.8	41.5	41.5	8.93	9.07	8.29
Agricultural Chemicals	266.42	264.06	245.50	40.8	40.5	41.4	6.53	6.52	5.93
Leather and Leather Products	139.16	130.08	133.94	35.5	33.7	37.0	3.92	3.86	3.62

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$223.74	$224.48	$213.33	36.5	36.8	38.3	$6.13	$6.10	$5.57
Durable Goods	286.71	289.22	264.54	40.1	41.2	39.9	7.15	7.02	6.63
Fabricated Metal Products	1) 344.21	1) 344.79	339.20	40.4	40.9	40.0	1) 8.52	1) 8.43	8.48
Machinery and Transportation Equipment	272.49	284.32	248.88	41.1	42.5	40.6	6.63	6.69	6.13
Nondurable Goods	161.04	158.27	162.62	33.0	32.3	36.3	4.88	4.90	4.48
Food and Kindred Products	193.70	194.74	193.20	34.9	34.9	35.0	5.55	5.58	5.52
Apparel and Other Textile Products	124.55	120.37	135.26	29.1	27.8	35.5	4.28	4.33	3.81

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,800 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$285.42	$271.72	$262.84	40.6	39.9	40.5	$7.03	$6.81	$6.49
Durable Goods	305.12	284.62	265.47	41.4	40.2	39.8	7.37	7.08	6.67
Lumber and Wood Products and Furniture and Fixtures	165.73	175.45	166.76	34.1	36.1	37.9	4.86	4.86	4.40
Nondurable Goods	256.49	252.16	250.31	39.4	39.4	40.9	6.51	6.40	6.12
Food and Kindred Products	1) 284.20	1) 271.96	244.26	1) 39.2	1) 39.3	41.4	1) 7.25	1) 6.92	5.90
Textile Mill Products	242.00	238.18	231.96	40.0	39.5	41.2	6.05	6.03	5.63
Apparel and Other Textile Products	140.63	147.24	128.73	34.3	36.0	33.7	4.10	4.09	3.82
Paper and Allied Products	448.44	389.78	494.46	50.5	48.3	60.3	8.88	8.07	8.20

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,100 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$302.81	$295.89	$289.57	40.7	40.7	40.9	$7.44	$7.27	$7.08
Durable Goods	321.50	314.77	308.59	40.8	41.2	41.2	7.88	7.64	7.49
Lumber and Wood Products	212.06	214.86	234.95	37.8	38.3	40.3	5.61	5.61	5.83
Stone, Clay, and Glass Products	276.62	301.20	248.06	40.8	43.4	40.4	6.78	6.94	6.14
Fabricated Metal Products	220.42	218.48	217.74	38.4	38.6	40.7	5.74	5.66	5.35
Machinery, except Electrical	245.66	252.84	247.20	34.6	39.2	41.2	7.10	6.45	6.00
Transportation Equipment	400.77	391.61	384.42	43.8	44.2	43.0	9.15	8.86	8.94
Nondurable Goods	265.68	245.17	252.90	40.5	39.8	40.4	6.56	6.16	6.26
Food and Kindred Products	256.27	252.94	245.18	41.4	40.6	41.0	6.19	6.23	5.98
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	263.96	246.74	253.98	38.2	36.5	41.8	6.91	6.76	6.12

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$308.51	$302.51	$285.42	40.7	39.7	40.2	$7.58	$7.62	$7.10
Durable Goods	286.84	290.90	274.96	40.4	40.8	41.1	7.10	7.13	6.69
Stone, Clay, and Glass Products	239.38	244.40	235.52	38.3	37.2	38.8	6.25	6.57	6.07
Fabricated Metal Products	353.40	345.23	315.15	43.9	43.7	44.2	8.05	7.90	7.13
Electric and Electronic Equipment	1) 287.64	1) 307.73	309.28	40.8	43.1	42.6	1) 7.05	1) 7.14	7.26
Nondurable Goods	338.66	318.52	302.96	41.0	38.1	39.5	8.26	8.36	7.67
Food and Kindred Products	326.09	274.54	305.03	41.7	37.1	41.9	7.82	7.40	7.28

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$343.57	$341.88	$322.32	39.4	39.8	40.8	$ 8.72	$ 8.59	$ 7.90
Durable Goods	1) 178.21	1) 187.99	189.43	1) 35.5	1) 37.3	39.3	1) 5.02	1) 5.04	4.82
Lumber and Wood Products and Furniture and Fixtures	1) 161.87	1) 194.69	168.82	1) 32.9	1) 38.4	36.7	1) 4.92	1) 5.07	4.60
Nondurable Goods	388.65	384.34	364.37	40.4	40.5	41.5	9.62	9.49	8.78
Food & Kindred Products	274.12	305.79	227.22	44.0	49.4	42.0	6.23	6.19	5.41
Chemicals & Allied Products	454.96	443.59	400.68	44.0	42.9	43.6	10.34	10.34	9.19

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,800 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$358.57	$362.03	$342.63	40.7	41.0	40.5	$ 8.81	$ 8.83	$ 8.46
Durable Goods	335.32	331.70	338.40	41.5	40.8	42.3	8.08	8.13	8.00
Lumber and Wood Products	207.83	199.00	187.54	40.2	39.8	39.4	5.17	5.00	4.76
Furniture and Fixtures	197.80	191.04	189.20	40.7	39.8	41.4	4.86	4.80	4.57
Primary Metal Industries	455.62	501.81	522.83	40.5	39.7	41.2	11.25	12.64	12.69
Fabricated Metal Products	446.26	418.16	523.14	43.2	41.9	48.8	10.33	9.98	10.72
Fabricated Structural Metal Products	494.12	470.67	635.62	44.0	43.5	52.1	11.23	10.82	12.20
Nondurable Goods	367.13	373.92	340.29	40.3	41.0	39.8	9.11	9.12	8.55
Food and Kindred Products	259.00	269.39	234.85	37.0	39.5	38.5	7.00	6.82	6.10
Tobacco Manufactures	460.90	462.00	414.46	41.9	42.0	39.1	11.00	11.00	10.60
Cigarettes	470.64	470.64	421.01	42.4	42.4	39.2	11.10	11.10	10.74
Apparel and Other Textile Products	180.03	180.88	165.12	38.8	38.9	38.4	4.64	4.65	4.30
Paper and Allied Products	327.06	335.32	308.98	41.4	42.5	42.5	7.90	7.89	7.27
Printing and Publishing	340.07	351.51	319.28	38.6	39.1	38.1	8.81	8.99	8.38
Chemicals and Allied Products	386.07	390.57	375.74	40.3	40.6	41.2	9.58	9.62	9.12

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,400 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
MANUFACTURING	$266.93	$270.91	$248.47	39.9	40.8	40.8	$6.69	$6.64	$6.09
Durable Goods	276.80	284.00	258.34	41.5	41.4	41.4	6.67	6.86	6.24
Fabricated Metal Products	253.98	266.25	224.72	41.5	42.6	40.2	6.12	6.25	5.59
Fabricated Structural Metal Products	266.24	275.80	232.30	41.6	42.3	40.4	6.40	6.52	5.75
Nondurable Goods	250.79	252.97	235.39	37.6	39.9	40.1	6.67	6.34	5.87
Food and Kindred Products	267.88	273.12	246.78	43.7	44.7	43.6	6.13	6.11	5.66
Textile Mill Products	212.08	194.62	181.92	38.7	37.0	37.9	5.48	5.26	4.80

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980	November 1981	October 1981	November 1980
Virginia	$276.59	$278.20	$258.55	$216.18	$217.27	$205.21	$236.44	$237.65	$224.19
Bristol Area	223.74	224.48	213.33	179.63	180.16	173.20	196.62	197.17	189.70
Lynchburg SMSA	285.42	271.72	282.84	222.13	212.90	221.86	243.09	232.77	242.62
Norfolk-Virginia Beach-Portsmouth SMSA	302.81	295.89	289.57	233.84	229.18	226.42	256.20	250.98	247.73
Northern Virginia Area	308.51	302.51	285.42	237.65	233.64	223.61	260.42	255.97	244.58
Petersburg-Colonial Heights-Hopewell SMSA	343.57	341.88	322.32	259.86	258.80	248.07	285.78	284.56	272.08
Richmond SMSA	358.57	362.03	342.63	269.36	271.56	261.05	296.63	299.15	286.88
Roanoke SMSA	266.93	270.91	248.47	209.68	212.36	198.16	229.15	232.16	216.54

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	November 2/ 1981	October 1981	November 1980	October 1980
NONAGRICULTURAL	2,140.4	2,139.8	2,132.1	2,128.6
MANUFACTURING	401.4	402.9	409.7	409.1
Durable Goods	183.5	184.7	187.7	187.6
Lumber & Wood Products	23.1	23.1	23.7	23.4
Furniture and Fixtures	24.9	25.2	25.2	25.5
Stone, Clay and Glass Products	12.0	12.1	12.8	12.5
Primary Metal Industries	11.5	11.5	11.9	11.8
Fabricated Metal Products	19.7	20.4	20.4	20.5
Machinery, except Electrical	14.4	14.5	15.2	15.4
Electric and Electronic Equipment	34.0	34.2	33.1	33.0
Transportation Equipment	36.5	36.2	37.8	37.8
Instruments and Related Products	4.0	4.0	4.1	4.1
Nondurable Goods	218.2	218.2	222.3	221.6
Food and Kindred Products	40.8	40.0	40.9	40.8
Tobacco Manufactures	16.3	16.0	17.2	16.8
Textile Mill Products	42.9	43.6	44.1	44.2
Apparel and Other Textile Products	33.7	33.7	34.1	34.1
Paper and Allied Products	14.4	14.3	14.6	14.5
Printing and Publishing	22.0	21.9	22.0	21.9
Chemicals and Allied Products	32.4	33.1	33.5	33.4
Leather and Leather Products	3.4	3.4	3.7	3.6
MINING	25.5	23.8	24.1	22.8
Bituminous Coal and Lignite Mining	22.7	21.0	21.2	19.8
CONTRACT CONSTRUCTION	111.3	111.1	122.3	121.7
TRANSPORTATION & PUBLIC UTILITIES	116.7	117.9	114.8	116.0
Railroad Transportation	13.7	14.1	13.4	14.0
Trucking and Warehousing	29.2	29.2	29.7	29.5
Transportation by Air	10.6	10.6	10.8	10.7
Communication	30.4	30.4	29.3	29.5
Electric, Gas and Sanitary Services	17.9	17.9	16.8	16.6
WHOLESALE AND RETAIL TRADE	463.6	465.2	449.8	449.8
Wholesale Trade	106.3	106.7	103.6	106.2
Retail Trade	357.5	359.9	344.4	345.0
General Merchandise Stores	55.2	56.8	54.7	55.6
Food Stores	56.2	56.4	54.6	54.9
FINANCE, INSURANCE & REAL ESTATE	108.2	108.6	107.0	106.5
Banking	31.4	31.5	31.0	31.0
Insurance Carriers	20.2	20.2	20.1	20.1
SERVICES	406.4	401.8	394.7	391.3
Personal Services	25.2	25.1	25.3	25.1
Business Services	80.0	79.4	77.9	77.4
GOVERNMENT	510.3	508.2	512.4	512.6
Federal Government	157.9	157.3	154.5	155.0
State and Local Government	351.9	352.0	357.4	357.2
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	38.9	39.4	39.4	39.2
Durable Goods	39.8	40.2	39.7	39.6
Lumber and Wood Products	38.6	37.5	38.2	37.7
Furniture and Fixtures	36.9	37.3	38.4	37.8
Household & Office Furniture	36.9	37.3	38.3	37.6
Stone, Clay & Glass Products	40.5	41.4	40.0	39.8
Primary Metal Industries	39.7	39.6	38.6	37.5
Fabricated Metal Products	41.8	41.9	42.2	41.0
Fabricated Structural Metal Products	43.4	42.0	43.8	41.6
Machinery, except Electrical	40.1	40.9	39.8	40.5
Electric and Electronic Equipment	38.9	40.0	39.6	40.6
Instruments & Related Products	37.3	37.1	39.1	40.6
Miscellaneous Manufacturing Industries	36.7	38.4	38.2	38.0
Nondurable Goods	38.2	38.7	39.1	38.9
Food & Kindred Products	37.8	38.4	38.3	37.6
Tobacco Manufactures	34.5	36.6	40.3	40.4
Cigarettes	34.9	37.2	41.1	41.3
Textile Mill Products	39.3	38.9	40.2	39.4
Weaving Mills, Cotton, Synthetics and Wool	39.8	39.9	41.0	40.8
Knitting Mills	38.7	36.8	38.4	36.9
Apparel & Other Textile Products	34.3	35.2	34.4	35.0
Men's and Boys' Suits, Coats and Furnishings	32.0	31.9	35.0	35.8
Women's and Children's Outerwear & Undergarments	34.0	35.9	33.2	34.4
Paper & Allied Products	41.8	42.2	43.7	43.0
Pulp, Paper and Paperboard	42.3	43.2	45.2	44.9
Printing and Publishing	37.0	37.9	37.4	37.8
Newspapers and Periodicals	32.0	33.6	33.6	35.9
Chemicals & Allied Products	42.0	42.2	41.7	41.9
Plastics Materials & Synthetics	41.8	42.3	41.5	41.8
Agricultural Chemicals	41.5	41.4	42.1	43.7
Leather & Leather Products	35.5	34.7	37.0	36.6

1/ Employment in thousands.

2/ Preliminary

Revised to December 1978Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.1
1979	2,098.7	413.2	24.3	135.2	114.3	440.0	103.4	374.7	493.6
1980	2,121.8	410.7	24.0	124.8	114.8	447.5	105.6	387.1	507.7
1977:									
January	1,863.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	418.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,096.3	414.9	26.6	134.2	114.1	440.5	101.9	373.7	488.3
February	2,080.9	407.2	26.7	128.1	113.9	440.1	102.8	374.9	487.1
March	2,096.3	411.1	26.0	135.2	114.2	441.6	102.2	377.7	486.9
April	2,089.5	412.2	24.8	133.6	112.8	441.3	101.9	375.7	489.1
May	2,092.6	412.5	23.9	135.5	112.5	440.3	102.6	374.4	492.0
June	2,088.9	411.5	22.8	136.2	114.8	436.7	102.5	371.0	492.5
July	2,092.7	413.8	22.7	136.9	114.9	437.2	103.1	369.3	493.9
August	2,095.9	413.6	23.5	137.2	114.8	437.5	103.3	369.1	495.7
September	2,103.1	415.6	22.6	137.0	115.1	438.2	103.8	372.5	496.9
October	2,110.8	415.9	22.5	135.8	115.4	440.5	105.6	376.8	499.5
November	2,116.1	415.0	23.9	135.8	114.5	444.1	105.3	380.2	500.7
December	2,120.9	415.1	25.2	137.4	114.4	442.1	105.3	381.4	501.0
1980:									
January	2,142.2	417.0	26.2	139.1	114.8	449.9	106.1	386.6	500.9
February	2,141.0	419.2	26.2	133.4	115.0	452.1	106.7	387.6	501.5
March	2,133.8	419.0	25.0	129.9	114.5	447.8	106.1	386.3	502.5
April	2,114.4	417.2	24.3	123.6	115.7	441.7	105.6	382.1	506.8
May	2,111.4	412.0	23.0	121.8	114.6	442.3	105.3	383.5	510.0
June	2,099.1	406.2	22.4	119.6	114.0	443.2	103.9	380.7	508.8
July	2,090.4	399.4	22.1	119.8	114.5	444.9	104.1	383.5	501.5
August	2,105.2	402.7	23.0	119.9	114.8	449.0	104.0	385.2	506.9
September	2,119.2	406.1	23.1	121.0	114.5	449.4	104.6	387.2	513.6
October	2,128.6	409.1	22.8	121.7	116.0	449.8	106.5	391.3	512.6
November	2,132.1	409.7	24.1	122.3	114.8	449.8	107.0	394.7	512.4
December	2,144.0	411.0	25.2	123.6	114.2	450.0	107.0	396.8	516.4
1981:									
January	2,155.7	411.6	26.0	119.9	115.6	456.2	107.5	402.1	513.5
February	2,160.7	410.9	25.9	122.7	116.2	460.6	108.1	402.2	513.8
March	2,154.7	413.3	25.3	119.9	114.7	457.4	108.4	399.5	512.8
April	2,129.6	412.8	13.7	115.1	114.6	456.6	108.5	397.5	513.3
May	2,122.7	412.0	13.1	113.0	114.4	455.7	107.3	396.4	512.3
June	2,130.2	409.6	21.9	111.6	115.6	458.9	106.6	396.8	509.4
July	2,126.8	406.6	22.0	105.8	118.0	459.8	106.8	399.3	503.6
August	2,128.3	405.2	23.6	110.0	118.0	461.8	106.7	400.5	503.9
September	2,137.8	407.1	23.8	110.8	117.0	463.8	107.6	402.3	506.0
October	2,139.4	402.9	23.8	111.1	117.9	465.2	108.6	401.8	508.2
November	2,140.4	401.4	25.5	111.3	116.7	463.6	108.2	406.4	510.3
December									

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

2/1/82 S8270-21

EMPLOYMENT HOURS AND EARNINGS

VOLUME 32
NUMBER 1

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

January 1982

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
Fourth Street Office Building
Richmond, Virginia
Telephone 804-786-2379 or 2385

Robert F. Beard, Jr. — Commissioner
Texa B. Thurston — Director of Research
Ruby L. Butler — Editor

CONTENTS

List of Statistical Tables — Page
Employment Development, December 1981 — 1 & 2
Statistical Tables:

Not Seasonally Adjusted

Employment

State of Virginia

A- 1. Employees on nonagricultural payrolls, by industry, December 1981 . . . . . 4 & 5
A- 2. Employees on nonagricultural payrolls, by industry division to date 6
A- 3. Female Employees on nonagricultural payrolls, by industry, December 1981 7
A- 4. Production Workers on manufacturing payrolls, by industry, December 1981 8

Standard Metropolitan Statistical Areas

A- 5. Bristol, Va. - Employees on nonagricultural payrolls, by industry, December 1981 9
A- 6. Lynchburg, Va. - Employees on nonagricultural payrolls, by industry, December 1981 9
A- 7. Newport News, Va. - Employees on nonagricultural payrolls, by industry, December 1981 10
A- 8. Norfolk-Virginia Beach-Portsmouth, Va. - Employees on nonagricultural payrolls, by industry, December 1981 10
A- 9. Northern Virginia, Va. - Employees on nonagricultural payrolls, by industry, December 1981 11
A- 10. Petersburg, Va. - Employees on nonagricultural payrolls, by industry, December 1981 11
A- 11. Richmond, Va. - Employees on nonagricultural payrolls, by industry, December 1981 12
A- 12. Roanoke, Va. - Employees on nonagricultural payrolls, by industry, December 1981 12

B- 1. Labor Force Estimates, U. S., Virginia and Metropolitan Areas, November 1981. 3

Hours and Earnings

C- 1. State of Virginia - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 13
C- 2. Bristol Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 14
C- 3. Lynchburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 14
C- 4. Norfolk-Virginia Beach-Portsmouth SMSA - Gross hours and earnings of production workers on payrolls, by industry, December 1981 15
C- 5. Northern Virginia Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 15
C- 6. Petersburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 16
C- 7. Richmond SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 16
C- 8. Roanoke SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, December 1981 17
C- 9. Gross and Spendable Average Weekly Earnings of Factory Production Workers, Virginia and Metropolitan Areas, December 1981 17

Seasonally Adjusted

D- 1. Employees on Virginia nonagricultural payrolls, by industry, December 1981
Weekly Hours of Virginia Manufacturing Production Workers, by industry, December 1981 18
D- 2. Employees on Virginia nonagricultural payrolls, by industry division, 1972 to date 19

Explanatory Notes

NONAGRICULTURAL EMPLOYMENT ROSE OVER THE MONTH

NONAGRICULTURAL EMPLOYMENT IN VIRGINIA REACHED 2,176,900 BETWEEN MID-NOVEMBER AND MID-DECEMBER 1981. An over-the-month increase of 2,200 was experienced and was centered in the trade, government, and transportation and public utilities sectors of the economy. Despite the over-the-month rise, nonfarm worker totals were 1,300 below year-ago levels. Contrary to trends of past years employment did not peak for the year in December. During the fourth quarter of 1981 an erosion of 2,000 persons on payrolls occurred in spite of the over-the-month increase. This was a sharp contrast to the 8,200 increase recorded during the last quarter of 1980.

ALL GOODS PRODUCING SEGMENTS, MANUFACTURING, MINING AND CONSTRUCTION, DECLINED IN EMPLOYMENT OVER THE MONTH. The smallest drop was in mining and was traceable to layoffs that occurred as the result of a fire. Construction's losses were the most severe and a 3,100 decrease was recorded. Adverse weather and lack of work due to a sagging economy were blamed for much of construction's woes. Manufacturing employment, which comprises about nineteen percent of the state's employment, declined by 1,300. Nondurable goods producers accounted for manufacturing's reductions in force. Completion of the processing of the fall fruit crops and curtailed activity in the tobacco industry were the salient factors in the downturn. Losses in textiles, chemicals, printing and plastics also occurred but to a much lesser degree. Only the textile and paper industries had over-the-month increases. Among durable goods producers, increases in transportation equipment and electrical machinery were counterbalanced by reductions in force by lumber and wood products producers, furniture manufacturers, primary metal foundries, and stone, clay and glass products producers. The 312,900 factory production workers in Virginia earned $282.27 in December - an over-the-month increase of $1.51 and an over-the-year increase of $19.51. The average workweek at 39.7 hours was one-tenth of an hour more than last month but was seven-tenths of an hour less than a year ago. Hourly earnings at $7.11 were up two cents over November and 59 cents ahead of December last year. Trends in the major metropolitan areas were mixed.

SERVICE PRODUCING INDUSTRIES RECORDED BOTH PLUSSES AND MINUSES. As expected, trade establishments added temporary, part-time workers for the Christmas buying season. Although trade employment was at an all-time high, 483,000, this year's increase was not as great as in prior years. While sales were not considered excellent, they were better than many had expected. Government employment was up over the month. Federal defense agencies added to their payrolls, as did the State school system. Local government employment continued to decline as less money for federal funded projects continued to force layoffs. Services employment comprises about 25 percent of all service producing segments and 19 percent of total nonagricultural employment. Over the month 1,900 persons were released from their positions. Layoffs were not centered in any one

(continued from page 1)

part of the group and while reductions were not large, they were widespread. Finance employment remained unchanged between mid-November and mid-December, while transportation and public utilities rose slightly.

The State Division of Industrial Development announced late in December that 48 manufacturing concerns plan new businesses in Virginia with a projected employment of 2,326 and 62 others plan expansions with an expected employment of 4,159. While the number of announcements was eleven more than in 1980, total projected employment for the projects declined from the 1980 total of 8,925.

THE BUREAU OF LABOR STATISTICS PRODUCER'S PRICE INDEX for all commodities was 295.9 for December 1981. The monthly increase was 0.1 percent and the annual increment was 5.4 percent. The index for finished goods at 275.3 was up 0.3 percent over the month and up 7.8 percent over the year.

THE ALL URBAN CONSUMER PRICE INDEX (CPI-U) rose 0.3 percent in December 1981. The index at 281.5 was up 8.9 percent over the year. The Urban Wage Earners and Clerical Workers Index (CPI-W) rose 0.2 percent over the month. The yearly gain was 8.7 percent.

CONSUMER PRICE INDEX data for January 1982 will be released on February 25, 1982 and may be obtained by calling 804-786-4490.

Note: Employment series for Virginia have been adjusted to first quarter 1981 benchmarks. Area data remains on December 1978 benchmarks. (See Explanatory Notes on Benchmark Adjustments.)

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary November 1981	Revised October 1981	November 1980
UNITED STATES			
Civilian Labor Force	106,864,000	106,926,000	105,287,000
Employed	98,393,000	98,902,000	97,801,000
Unemployed	8,470,000	8,024,000	7,486,000
Rate	7.9	7.5	7.1
VIRGINIA			
Civilian Labor Force	2,575,100	2,559,500	2,543,800
Employed	2,418,900	2,421,600	2,416,500
Unemployed	156,200	137,900	127,300
Rate	6.1	5.4	5.0
BRISTOL AREA			
Civilian Labor Force	39,130	39,210	39,610
Employed	36,950	37,020	37,230
Unemployed	2,180	2,190	2,380
Rate	5.6	5.6	6.0
LYNCHBURG SMSA			
Civilian Labor Force	77,760	76,940	77,560
Employed	73,170	73,100	73,620
Unemployed	4,590	3,840	3,940
Rate	5.9	5.0	5.1
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	173,550	172,680	169,960
Employed	162,830	163,160	160,780
Unemployed	10,720	9,520	9,180
Rate	6.2	5.5	5.4
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	339,680	335,790	327,870
Employed	317,270	316,360	309,220
Unemployed	22,410	19,430	18,650
Rate	6.6	5.8	5.7
NORTHERN VIRGINIA AREA			
Civilian Labor Force	583,400	578,900	572,600
Employed	559,900	557,400	553,800
Unemployed	23,500	21,500	18,800
Rate	4.0	3.7	3.3
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	59,750	59,440	60,240
Employed	55,500	55,450	56,270
Unemployed	4,250	3,990	3,970
Rate	7.1	6.7	6.6
RICHMOND SMSA			
Civilian Labor Force	337,810	334,230	332,730
Employed	321,870	321,020	320,870
Unemployed	15,940	13,210	11,860
Rate	4.7	4.0	3.6
ROANOKE SMSA			
Civilian Labor Force	110,770	110,400	112,160
Employed	103,920	103,420	107,170
Unemployed	6,850	6,980	4,990
Rate	6.2	6.3	4.5

1/ All data adjusted to a place-of-residence basis.

2/ Includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series have been adjusted to December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL 1/	2,176.9	2,174.7	2,178.2	2.2	- 1.3
MANUFACTURING	409.1	410.4	415.7	- 1.3	- 6.6
Durable Goods	186.9	186.9	191.0	0	- 4.1
Lumber and Wood Products	21.1	21.6	21.8	- .5	- .7
Millwork, Plywood and Structural Members	5.5	5.6	5.6	- .1	- .1
Wood Containers	1.5	1.6	1.6	- .1	- .1
Wood Buildings and Mobile Homes	2.2	2.4	2.4	- .2	- .2
Miscellaneous Wood Products	2.2	2.2	2.4	0	- .2
Furniture and Fixtures	25.0	25.2	25.7	- .2	- .7
Household and Office Furniture	23.7	23.7	24.3	0	- .6
Stone, Clay and Glass Products	12.2	12.4	12.7	- .2	- .5
Structural Clay Products	.5	.6	.8	- .1	- .3
Concrete Gypsum and Plaster Products	6.8	6.8	6.9	0	- .1
Glass and Glass Products	2.0	2.0	2.0	0	0
Primary Metal Industries	11.6	11.7	12.4	- .1	- .8
Fabricated Metal Products	20.0	20.0	20.5	0	- .5
Fabricated Structural Metal Products	12.3	12.2	13.1	.1	- .8
Machinery, except Electrical	15.0	15.0	15.7	0	- .7
Construction and Related Machinery	4.9	4.8	5.0	.1	- .1
Special Industry Machinery	1.9	1.9	1.8	0	.1
Refrigeration and Service Machinery	2.0	2.0	2.0	0	0
Electric and Electronic Equipment	36.5	36.2	35.5	.3	1.0
Communication Equipment	10.1	10.1	10.0	0	.1
Electronic Components and Accessories	6.3	6.0	5.8	.3	.5
Transportation Equipment	38.9	38.3	40.1	.6	- 1.2
Instruments and Related Products	4.0	4.0	3.9	0	.1
Miscellaneous Manufacturing Industries	2.6	2.6	2.7	0	- .1
Nondurable Goods	222.1	223.5	224.7	- 1.4	- 2.6
Food and Kindred Products	40.5	41.5	41.6	- 1.0	- 1.1
Meat Products	13.9	13.9	13.7	0	.2
Dairy Products	2.5	2.6	2.4	- .1	.1
Preserved Fruits and Vegetables	4.1	4.9	4.0	- .8	.1
Bakery Products	4.5	4.6	4.8	- .1	- .3
Beverages	5.5	5.4	5.4	.1	.1
Tobacco Manufactures	19.1	19.4	18.8	- .3	.3
Cigarettes	16.0	16.3	15.6	- .3	.4
Cigars and Chewing and Smoking Tobacco	.5	.5	.6	0	- .1
Tobacco Stemming and Redrying	2.5	2.6	2.6	- .1	- .1
Textile Mill Products	43.7	43.3	44.4	.4	- .7
Weaving Mills, Cotton, Synthetics and Wool	18.8	19.1	19.3	- .3	- .5
Narrow Fabric Mills	.8	.8	.9	0	- .1
Knitting Mills	14.3	13.4	14.4	.9	- .1
Textile Finishing, except Wool	4.5	4.6	4.8	- .1	- .3
Yarn and Thread Mills	2.4	2.4	2.3	0	.1
Miscellaneous Textile Goods	1.2	1.2	1.2	0	0
Apparel and Other Textile Products	32.6	32.6	33.3	0	- .7
Men's and Boys' Suits, Coats and Furnishings	11.3	11.3	12.1	0	- .8
Women's and Children's Outerwear & Undergarments	17.9	17.9	17.6	0	.3
Miscellaneous Fabricated Textile Products	1.7	1.7	1.6	0	.1
Paper and Allied Products	15.0	14.9	14.9	.1	.1
Pulp, Paper and Paperboard	8.0	8.0	7.9	0	.1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	6.7	6.7	6.6	0	.1
Miscellaneous Converted Paper Products	2.8	2.8	2.7	0	.1
Paperboard Containers and Boxes	3.9	3.8	3.9	.1	0
Printing and Publishing	22.7	22.8	22.5	- .1	.2
Newspapers and Periodicals	8.1	8.3	8.5	- .2	- .4
Commercial Printing	9.4	9.4	8.9	0	.5
Chemicals and Allied Products	33.2	33.4	33.8	- .2	- .6
Industrial Inorganic Chemicals	.9	.9	.9	0	0
Plastics Materials and Synthetics	20.1	20.2	21.1	- .1	- 1.0
Drugs	3.3	3.3	3.0	0	.3
Agricultural Chemicals	1.2	1.2	1.3	0	- .1
Miscellaneous Chemical Products	4.3	4.3	3.9	0	.4
Petroleum, Rubber and Misc. Plastics Products	12.0	12.2	11.8	- .2	.2
Miscellaneous Plastics Products	6.1	6.2	5.7	- .1	.4
Rubber and Rubber Products	5.6	5.6	5.7	0	- .1
Leather and Leather Products	3.4	3.4	3.6	0	- .2

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
(Continued from page 4)					
NONMANUFACTURING	1,767.8	1,764.3	1,762.5	3.5	5.3
Mining	23.8	23.9	22.9	- .1	.9
Bituminous Coal and Lignite Mining	21.2	21.1	19.7	.1	1.5
Construction	110.8	113.9	122.8	- 3.1	- 12.0
Transportation and Public Utilities	117.8	117.6	117.4	.2	.4
Railroad Transportation	14.0	14.0	13.7	0	.3
Trucking and Warehousing	27.8	27.5	28.4	.3	- .6
Transportation by Air	11.0	11.2	11.8	- .2	- .8
Communication	33.2	33.2	31.9	0	1.3
Electric, Gas and Sanitary Services	17.8	17.8	16.7	0	1.1
Wholesale and Retail Trade	483.0	475.1	472.4	7.9	10.6
Wholesale	108.5	108.9	107.5	- .4	1.0
Wholesale Trade Durable Goods	65.8	66.0	65.0	- .2	.8
Wholesale Trade Nondurable Goods	42.7	42.9	42.5	- .2	.2
Retail	374.5	366.2	364.9	8.3	9.6
General Merchandise Stores	65.8	61.2	65.9	4.6	- .1
Department Stores	53.6	49.7	52.6	3.9	1.0
Variety Stores	10.4	9.8	11.5	.6	- 1.1
Food Stores	58.4	57.4	58.0	1.0	.4
Automotive Dealers and Service Stations	43.1	43.3	43.5	- .2	- .4
Furniture and Home Furnishings Stores	17.9	17.9	17.2	0	.7
Miscellaneous Retail	48.6	46.6	49.8	2.0	- 1.2
Finance, Insurance and Real Estate	105.8	105.8	106.1	0	- .3
Banking	34.6	34.2	33.6	.4	1.0
Insurance Carriers	20.2	20.1	20.2	.1	0
Real Estate	25.7	26.0	26.1	- .3	- .4
Services	414.1	416.0	400.7	- 1.9	13.4
Personal Services	24.4	24.3	24.2	.1	.2
Business Services	81.8	82.4	86.4	- .6	- 4.6
Auto and Miscellaneous Repair Service	17.1	17.0	18.5	.1	- 1.4
Health Services	110.8	111.1	107.5	- .3	3.3
Government	512.5	511.9	520.2	.6	- 7.7
Federal Government	158.4	157.7	155.1	.7	3.3
State and Local Government	354.1	354.2	365.1	- .1	- 11.0
State Government	126.2	125.8	123.2	.4	3.0
Local Government	227.9	228.5	241.9	- .6	- 14.0

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

NOTE: Detail may not add to totals because of rounding.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS

ANNUAL AVERAGES 1970 - 1980

JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1970	1,516.9	366.0	15.3	96.0	97.4	303.3	65.8	220.0	355.1
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.9	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.0	18.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,146.8	413.8	22.7	129.3	115.8	451.2	105.9	397.9	511.2
1977:									
January	1,845.4	389.9	22.0	96.2	103.7	390.3	87.6	309.3	446.4
February	1,844.5	391.1	22.2	98.4	103.8	381.7	87.5	310.9	448.9
March	1,871.8	393.3	22.6	106.8	104.7	388.1	89.8	316.5	451.0
April	1,900.2	394.6	21.2	115.3	105.3	396.0	90.0	327.2	450.6
May	1,918.9	395.9	21.5	121.1	105.6	400.8	91.1	331.2	451.7
June	1,954.6	400.8	23.4	126.8	106.4	406.0	93.4	341.3	456.5
July	1,959.0	403.2	23.5	129.8	107.0	409.4	94.0	343.7	448.4
August	1,964.9	407.0	23.6	130.4	106.9	410.3	94.9	345.7	446.1
September	1,974.7	408.6	23.7	128.9	107.4	413.1	94.2	342.5	456.3
October	1,974.7	408.5	23.6	128.3	105.6	416.0	92.6	340.4	459.7
November	1,978.5	409.0	23.7	125.0	106.9	422.6	92.7	337.2	461.4
December	1,977.0	406.9	13.3	120.7	107.3	432.8	93.1	336.4	466.5
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.8	139.7	105.0	436.0	100.2	369.4	485.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,046.7	411.4	23.7	120.3	111.7	430.6	100.5	358.9	489.6
February	2,026.6	402.2	23.3	114.3	110.6	424.2	100.8	362.4	488.8
March	2,058.6	406.7	23.6	126.1	112.2	429.7	100.8	369.9	489.8
April	2,091.8	407.7	23.6	135.3	111.4	439.1	102.3	380.3	492.1
May	2,113.2	409.7	23.7	141.0	112.4	443.0	103.3	384.9	495.2
June	2,140.9	412.3	23.8	147.0	116.2	445.8	105.9	390.9	499.0
July	2,137.9	414.8	23.4	150.8	116.4	442.1	107.6	394.2	488.6
August	2,143.0	417.4	23.3	151.2	116.4	445.0	108.0	395.8	485.9
September	2,148.7	420.3	22.9	147.6	116.2	448.2	106.3	392.9	494.3
October	2,152.6	421.5	22.9	144.5	115.5	453.5	105.7	391.3	497.7
November	2,159.8	421.6	22.7	143.5	115.3	459.0	105.6	391.8	500.3
December	2,160.0	420.3	22.8	139.5	115.6	466.0	106.2	389.1	500.5
1980:									
January	2,090.7	415.3	22.4	124.5	112.7	441.7	104.3	376.2	501.6
February	2,092.7	416.4	22.1	120.3	112.6	435.3	104.1	378.0	503.9
March	2,107.9	416.9	22.2	122.7	113.2	437.8	104.4	383.7	507.0
April	2,139.8	414.2	22.7	128.8	115.5	446.0	104.8	395.9	511.9
May	2,152.7	413.0	22.8	131.7	115.8	449.0	105.7	399.7	515.0
June	2,169.6	410.7	23.0	134.1	117.1	450.6	107.6	407.5	518.4
July	2,149.6	403.8	22.8	134.0	117.1	451.4	108.0	408.9	503.6
August	2,162.1	411.1	22.9	134.4	117.5	454.3	108.0	410.8	503.2
September	2,170.0	414.1	22.8	131.5	116.6	455.5	106.9	406.6	516.0
October	2,169.5	416.8	22.8	129.1	116.8	457.3	105.9	405.8	515.0
November	2,170.4	416.9	22.9	126.3	117.0	463.1	105.6	401.4	517.2
December	2,178.2	415.7	22.9	122.8	117.4	472.4	106.1	400.7	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.3	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	105.1	406.8	515.8
April	2,146.2	411.8	12.9	116.5	114.6	454.7	105.9	413.5	516.4
May	2,154.3	412.9	13.0	118.1	115.1	458.2	105.9	415.7	515.5
June	2,187.1	413.2	22.4	121.2	118.0	464.5	107.6	424.7	515.6
July	2,171.9	410.5	22.7	121.4	118.6	465.1	108.1	427.7	497.8
August	2,169.6	412.4	23.2	120.9	118.4	466.6	108.0	426.9	493.2
September	2,178.9	416.1	23.5	118.4	117.9	468.6	107.5	423.7	503.2
October	2,175.4	411.9	23.6	116.5	118.0	471.1	106.5	418.9	509.0
November	2,174.7	410.4	23.9	113.9	117.6	475.1	105.8	416.0	511.9
December	2,176.9	409.1	23.8	110.8	117.8	483.0	105.8	414.1	512.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

NOTE: Detail may not add to totals because of rounding.

Table A-3

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL 1/	941.6	938.2	924.6	3.4	17.0
MANUFACTURING	146.1	146.6	147.2	- .5	- 1.1
Durable Goods	47.0	46.9	46.6	.1	.4
Lumber and Wood Products	3.7	3.8	3.8	- .1	- .1
Furniture and Fixtures	9.3	9.2	9.3	.1	0
Stone, Clay and Glass Products	1.6	1.6	1.6	0	0
Primary Metal Industries	1.7	1.7	1.9	0	- .2
Fabricated Metal Products	3.6	3.6	3.4	0	.2
Machinery, except Electrical	2.3	2.3	2.5	0	- .2
Electric and Electronic Equipment	16.2	16.1	15.6	.1	.6
Transportation Equipment	5.4	5.3	5.8	.1	- .4
Instruments and Related Products	1.9	1.9	1.6	0	.3
Miscellaneous Manufacturing Industries	1.3	1.3	1.1	0	.2
Nondurable Goods	99.1	99.7	100.6	- .6	- 1.5
Food and Kindred Products	15.6	16.3	15.4	- .7	.2
Tobacco Manufactures	6.1	6.1	6.2	0	- .1
Textile Mill Products	23.4	23.1	24.3	.3	- .9
Apparel and Other Textile Products	29.4	29.4	30.1	0	- .7
Paper and Allied Products	2.7	2.7	2.6	0	.1
Printing and Publishing	8.2	8.2	7.9	0	.3
Chemicals and Allied Products	8.7	8.8	8.9	- .1	- .2
Petroleum, Rubber and Misc. Plastics Products	2.5	2.6	2.6	- .1	- .1
Leather and Leather Products	2.4	2.4	2.6	0	- .2
NONMANUFACTURING	795.5	791.6	777.4	3.9	18.1
Mining	1.1	1.1	.9	0	.2
Construction	9.3	9.6	8.9	- .3	.4
Transportation and Public Utilities	30.9	31.0	29.6	- .1	1.3
Wholesale and Retail Trade	222.2	216.4	211.6	5.8	10.6
Wholesale Trade	27.4	27.5	25.1	- .1	2.3
Retail Trade	194.7	188.9	186.5	5.8	8.2
Finance, Insurance and Real Estate	62.3	62.3	61.0	0	1.3
Services	232.2	234.1	227.6	- 1.9	4.6
Government	237.4	237.2	237.8	.2	- .4
Federal Government	56.1	55.5	54.2	.6	1.9
State and Local Government	181.3	181.7	183.6	- .4	- 2.3

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary female workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

NOTE: Detail may not add to totals because of rounding.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table A - 4.

INDUSTRY GROUP	EMPLOYMENT (In thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
MANUFACTURING	312.9	314.4	320.1	- 1.5	- 7.2
Durable Goods	140.4	140.9	145.4	- .5	- 5.0
Lumber and Wood Products	17.8	18.3	18.6	- .5	- .8
Millwork, Plywood and Structural Members	4.7	4.8	4.7	- .1	0
Wood Containers	1.4	1.5	1.6	- .1	- .2
Wood Buildings and Mobile Homes	1.5	1.8	1.9	- .3	- .4
Miscellaneous Wood Products	1.9	1.9	2.1	0	- .2
Furniture and Fixtures	21.0	21.1	21.8	- .1	- .8
Household and Office Furniture	20.1	20.2	20.8	- .1	- .7
Stone, Clay and Glass Products	9.4	9.7	10.0	- .3	- .6
Structural Clay Products	.4	.5	.6	- .1	- .2
Concrete Gypsum and Plaster Products	5.3	5.3	5.4	0	- .1
Glass and Glass Products	1.5	1.6	1.6	- .1	- .1
Primary Metal Industries	6.4	6.5	7.0	- .1	- .6
Fabricated Metal Products	13.4	13.4	13.7	0	- .3
Fabricated Structural Metal Products	7.0	7.0	7.8	0	- .8
Machinery, except Electrical	10.3	10.3	11.1	0	- .8
Construction and Related Machinery	3.0	2.9	3.1	.1	- .1
Special Industry Machinery	1.2	1.2	1.2	0	0
Refrigeration and Service Machinery	1.3	1.4	1.3	- .1	0
Electric and Electronic Equipment	23.9	23.8	23.8	.1	.1
Communication Equipment	6.4	6.4	6.5	0	- .1
Electronic Components and Accessories	3.7	3.5	3.6	.2	.1
Transportation Equipment	33.2	32.6	34.6	.6	- 1.4
Instruments and Related Products	2.8	2.9	2.6	- .1	.2
Miscellaneous Manufacturing Industries	2.2	2.2	2.2	0	0
Nondurable Goods	172.6	173.5	174.7	- .9	- 2.1
Food and Kindred Products	30.7	31.8	31.4	- 1.1	- .7
Meat Products	11.9	12.1	11.9	- .2	0
Dairy Products	1.5	1.6	1.4	- .1	.1
Preserved Fruits and Vegetables	3.7	4.6	3.4	- .9	.3
Bakery Products	2.4	2.3	2.5	.1	- .1
Beverages	2.7	2.6	2.5	.1	.2
Tobacco Manufactures	14.0	14.1	13.7	- .1	.3
Cigarettes	11.7	11.7	11.2	0	.5
Cigars and Chewing and Smoking Tobacco	.4	.4	.4	0	0
Tobacco Stemming and Redrying	1.9	2.0	2.1	- .1	- .2
Textile Mill Products	38.8	38.4	39.6	.4	- .8
Weaving Mills, Cotton, Synthetics and Wool	16.6	16.8	17.0	- .2	- .4
Narrow Fabric Mills	.7	.7	.8	0	- .1
Knitting Mills	13.1	12.2	13.3	.9	- .2
Textile Finishing, except Wool	3.7	3.9	4.1	- .2	- .4
Yarn and Thread Mills	2.2	2.2	2.1	0	.1
Miscellaneous Textile Goods	1.0	1.0	1.0	0	0
Apparel and Other Textile Products	28.8	29.0	29.9	- .2	- 1.1
Men's and Boys' Suits, Coats and Furnishings	10.0	10.1	11.1	- .1	- 1.1
Women's and Children's Outerwear & Undergarments	16.0	16.1	15.9	- .1	.1
Miscellaneous Fabricated Textile Products	1.4	1.4	1.3	0	.1
Paper and Allied Products	11.6	11.5	11.5	.1	.1
Pulp, Paper and Paperboard	5.6	5.6	5.7	0	- .1
Misc. Converted Paper and Paperboard Products, Containers and Boxes	5.7	5.7	5.6	0	.1
Miscellaneous Converted Paper Products	2.4	2.4	2.3	0	.1
Paperboard Containers and Boxes	3.3	3.3	3.3	0	0
Printing and Publishing	14.1	14.2	13.4	- .1	.7
Newspapers and Periodicals	3.0	3.0	3.0	0	0
Commercial Printing	7.3	7.4	6.8	- .1	.5
Chemicals and Allied Products	22.4	22.3	22.9	.1	- .5
Industrial Inorganic Chemicals	.4	.4	.4	0	0
Plastics Materials and Synthetics	14.5	14.5	15.4	0	- .9
Drugs	1.9	1.9	1.5	0	.4
Agricultural Chemicals	.6	.6	.7	0	- .1
Miscellaneous Chemical Products	2.8	2.8	2.6	0	.2
Petroleum, Rubber and Misc. Plastics Products	9.1	9.2	9.1	- .1	0
Miscellaneous Plastics Products	4.5	4.6	4.3	.1	.2
Rubber and Rubber Products	4.3	4.3	4.6	0	- .3
Leather and Leather Products	3.0	3.0	3.2	0	- .2

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

NOTE: Detail may not add to totals because of rounding.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	29.1	29.1	29.2	0	- .1
MANUFACTURING	9.3	9.3	9.5	0	- .2
Durable Goods	4.4	4.4	4.5	0	- .1
Lumber and Wood Products and Furniture and Fixtures	.2	.2	.3	0	- .1
Stone, Clay and Glass Products	.3	.3	.3	0	0
Primary Metals and Fabricated Metal Products	1.9	1.9	2.1	0	- .2
Other Durable Goods 1/	2.0	2.0	1.8	0	.2
Nondurable Goods	4.9	4.9	5.0	0	- .1
Food and Kindred Products	1.7	1.7	1.7	0	0
Textile Mill Products	.2	.2	.2	0	0
Apparel and Other Textile Products	2.0	2.0	2.1	0	- .1
Paper, Printing and Publishing	.5	.5	.5	0	0
Other Nondurable Goods 2/	.5	.5	.5	0	0
NONMANUFACTURING	19.8	19.8	19.7	0	.1
Construction	1.2	1.3	1.4	- .1	- .2
Transportation & Public Utilities	1.3	1.3	1.2	0	.1
Trade	7.3	7.1	7.0	.2	.3
Wholesale Trade	1.7	1.7	1.7	0	0
Retail Trade	5.6	5.4	5.3	.2	.3
Finance, Insurance & Real Estate	1.0	1.0	1.0	0	0
Services & Mining	3.8	3.8	3.8	0	0
Government	5.2	5.3	5.3	- .1	- .1
State and Local Government	4.9	5.0	5.0	- .1	- .1

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	72.2	72.1	72.4	.1	- .2
MANUFACTURING	29.2	29.3	29.1	- .1	.1
Durable Goods	18.7	18.7	18.6	0	.1
Lumber and Wood Products and Furniture and Fixtures	4.0	4.0	4.1	0	- .1
Other Durable Goods 1/	14.7	14.7	14.5	0	.2
Nondurable Goods	10.5	10.6	10.5	- .1	0
Food and Kindred Products	1.8	1.8	1.6	0	.2
Textile Mill Products	1.7	1.8	1.7	- .1	0
Apparel & Other Textile Products	2.4	2.5	2.6	- .1	- .2
Paper and Allied Products	1.2	1.1	1.0	.1	.2
Other Nondurable Goods 2/	3.4	3.4	3.6	0	- .2
NONMANUFACTURING	43.0	42.8	43.3	.2	- .3
Construction	3.3	3.3	3.6	0	- .3
Transportation and Public Utilities	2.6	2.6	2.7	0	- .1
Wholesale and Retail Trade	11.6	11.4	11.8	.2	- .2
Wholesale Trade	2.3	2.2	2.2	.1	.1
Retail Trade	9.3	9.2	9.6	.1	- .3
Finance, Insurance and Real Estate	3.6	3.6	3.8	0	- .2
Services and Mining	11.2	11.1	11.0	.1	.2
Government	10.7	10.8	10.4	- .1	.3

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-7.

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	155.7	156.3	153.9	- .6	1.8
MANUFACTURING	35.0	34.9	36.0	.1	- 1.0
Durable Goods	28.2	28.1	29.6	.1	- 1.4
Stone, Clay & Glass Products	.5	.6	.5	- .1	0
Transportation Equipment	24.4	24.3	25.5	.1	- 1.1
Other Durable Goods 1/	3.3	3.2	3.6	.1	- .3
Nondurable Goods	6.8	6.8	6.4	0	.4
Food & Kindred Products	3.0	3.0	2.9	0	.1
Textile Mill Products & Apparel & Other Textile Products	.6	.6	.5	0	.1
Printing and Publishing	1.2	1.2	1.2	0	0
Other Nondurable Goods 2/	2.0	2.0	1.8	0	.2
NONMANUFACTURING	120.7	121.4	117.9	- .7	2.8
Construction	7.1	7.1	7.0	0	.1
Transportation and Public Utilities	5.3	5.3	5.1	0	.2
Wholesale and Retail Trade	30.9	30.7	29.6	.2	1.3
Wholesale Trade	3.6	3.5	3.3	.1	.3
Retail Trade	27.3	27.2	26.3	.1	1.0
Finance, Insurance and Real Estate	5.0	5.0	5.0	0	0
Services and Mining	30.0	30.7	28.2	- .7	1.8
Government	42.4	42.6	43.0	- .2	- .6
Federal Government	17.2	17.3	16.9	- .1	.3
State and Local Government	25.2	25.3	26.1	- .1	- .9

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	293.5	292.5	286.0	1.0	7.5
MANUFACTURING	29.6	29.7	29.2	- .1	.4
Durable Goods	18.1	18.1	17.8	0	.3
Lumber & Wood Products	1.6	1.6	1.6	0	0
Stone, Clay and Glass Products	1.9	1.9	1.8	0	.1
Fabricated Metal Products	1.0	1.0	1.0	0	0
Fabricated Structural Metal Products	N/A	N/A	N/A	N/A	N/A
Machinery (ex. Electrical)	1.3	1.3	1.2	0	.1
Transportation Equipment	8.3	8.3	7.8	0	.5
Other Durable Goods 1/	4.0	4.0	4.4	0	- .4
Nondurable Goods	11.5	11.6	11.4	- .1	.1
Food and Kindred Products	5.7	5.8	5.4	- .1	.3
Apparel & Other Textile Products	.8	.8	.9	0	- .1
Printing and Publishing	2.4	2.5	2.4	- .1	0
Chemicals and Allied Products	1.2	1.1	1.3	.1	- .1
Agricultural Chemicals	.5	.5	.7	0	- .2
Other Nondurable Goods 2/	1.4	1.4	1.4	0	0
NONMANUFACTURING	263.9	262.8	256.8	1.1	7.1
Construction	16.1	16.3	15.3	- .2	.8
Transportation & Public Utilities	19.6	19.6	18.8	0	.8
Railroads	1.5	1.5	1.4	0	.1
Wholesale and Retail Trade	74.8	73.8	71.3	1.0	3.5
Wholesale Trade	14.2	14.6	14.4	- .4	- .2
Retail Trade	60.6	59.2	56.9	1.4	3.7
Finance, Insurance & Real Estate	14.7	14.7	14.5	0	.2
Banking	4.4	4.4	4.4	0	0
Insurance Carriers and Agents	3.0	3.1	3.0	- .1	0
Services and Mining	57.7	57.6	55.5	.1	2.2
Personal Services	4.4	4.3	4.0	.1	.4
Government	81.0	80.8	81.4	.2	- .4
Federal Government	38.1	37.9	36.8	.2	1.3
State & Local Government	42.9	42.9	44.6	0	- 1.7

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	445.7	444.9	439.7	.8	6.0
MANUFACTURING	18.3	18.2	17.3	.1	1.0
Durable Goods	10.9	10.7	10.2	.2	.7
Stone, Clay and Glass Products	.8	.8	1.0	0	- .2
Fabricated Metal Products	1.0	1.0	1.2	0	- .2
Machinery, except Electrical	.7	.7	.6	0	.1
Electric and Electronic Equipment	6.2	6.0	5.4	.2	.8
Other Durable Goods 1/	2.2	2.2	2.0	0	.2
Nondurable Goods	7.4	7.5	7.1	- .1	.3
Food and Kindred Products	1.1	1.1	1.1	0	0
Printing and Publishing	4.8	4.8	4.6	0	.2
Other Nondurable Goods 2/	1.5	1.6	1.4	- .1	.1
NONMANUFACTURING	427.4	426.7	422.4	.7	5.0
Mining	.4	.4	.4	0	0
Construction	26.2	26.9	27.5	- .7	- 1.3
Transportation & Public Utilities	28.3	28.5	29.3	- .2	- 1.0
Transportation By Air	7.5	7.6	8.4	- .1	- .9
Electric, Gas & Sanitary Service	3.7	3.7	3.6	0	.1
Wholesale and Retail Trade	106.5	104.1	103.0	2.4	3.5
Wholesale Trade	18.6	18.5	18.4	.1	.2
Retail Trade	87.9	85.6	84.6	2.3	3.3
General Merchandise Stores	15.3	13.9	15.1	1.4	.2
Food Stores	9.4	9.4	9.3	0	.1
Auto. Dealers & Service Stations	11.8	11.8	12.3	0	- .5
Apparel & Accessory Stores	5.8	5.5	5.7	.3	.1
Eating & Drinking Places	24.8	24.9	22.8	- .1	2.0
Finance, Insurance & Real Estate	27.9	28.0	27.2	- .1	.7
Banking	6.4	6.3	6.0	.1	.4
Services	115.5	116.1	113.7	- .6	1.8
Business Services	40.9	41.3	40.2	- .4	.7
Government	122.6	122.7	121.3	- .1	1.3
Federal Government	70.2	70.0	68.5	.2	1.7
State and Local Government	52.4	52.7	52.8	- .3	- .4

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, ordnance, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	46.4	46.4	47.7	0	- 1.3
MANUFACTURING	10.9	11.1	12.1	- .2	- 1.2
Durable Goods	2.3	2.3	2.8	0	- .5
Lumber and Wood Products and Furniture & Fixtures	.6	.6	.8	0	- .2
Stone, Clay and Glass Products	.2	.2	.2	0	0
Fabricated Metal Products	.2	.2	.1	0	.1
Other Durable Goods 1/	1.3	1.3	1.7	0	- .4
Nondurable Goods	8.6	8.8	9.3	- .2	- .7
Food and Kindred Products	.3	.3	.4	0	- .1
Textile Mill Products and Apparel & Other Textile Products	1.1	1.1	1.2	0	- .1
Chemicals and Allied Products	3.3	3.4	3.5	- .1	- .2
Other Nondurable Goods 2/	3.9	4.0	4.2	- .1	- .3
NONMANUFACTURING	35.5	35.3	35.6	.2	- .1
Construction	2.1	2.2	2.4	- .1	- .3
Transportation and Public Utilities	1.5	1.4	1.5	.1	0
Wholesale and Retail Trade	8.6	8.4	8.4	.2	.2
Wholesale Trade	1.2	1.2	1.2	0	0
Retail Trade	7.4	7.2	7.2	.2	.2
Finance, Insurance and Real Estate	1.3	1.2	1.3	.1	0
Services and Mining	6.7	6.8	6.5	- .1	.2
Government	15.3	15.3	15.5	0	- .2
Federal Government	5.0	5.0	5.0	0	0
State and Local Government	10.3	10.3	10.5	0	- .2

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	329.7	329.1	329.8	.6	- .1
MANUFACTURING	55.4	55.9	56.2	- .5	- .8
Durable Goods	17.7	17.8	17.8	- .1	- .1
Lumber & Wood Products	1.4	1.4	1.4	0	0
Furniture & Fixtures	2.0	2.1	2.2	- .1	- .2
Stone, Clay & Glass Products	1.4	1.4	1.3	0	.1
Fabricated Metal Products	2.6	2.6	2.6	0	0
Fabricated Structural Metal Products	2.0	1.9	1.9	.1	.1
Machinery, except Electrical	2.2	2.2	2.1	0	.1
Other Durable Goods 1/	8.1	8.1	8.2	0	- .1
Nondurable Goods	37.7	38.1	38.4	- .4	- .7
Food & Kindred Products	4.1	4.1	4.2	0	- .1
Bakery Products	1.8	1.8	1.8	0	0
Tobacco Manufactures	12.2	12.6	12.9	- .4	- .7
Cigarettes	11.3	11.5	12.0	- .2	- .7
Tobacco Stemming & Redrying	.5	.7	.6	- .2	- .1
Apparel & Other Textile Products	2.2	2.2	2.2	0	0
Paper & Allied Products	4.2	4.1	4.2	.1	0
Printing and Publishing	5.3	5.3	5.2	0	.1
Commercial Printing	3.0	3.0	2.9	0	.1
Chemicals & Allied Products	7.7	7.7	7.7	0	0
Other Nondurable Goods 2/	2.0	2.1	2.0	- .1	0
NONMANUFACTURING	274.3	273.2	273.6	1.1	.7
Mining	.3	.3	.4	0	- .1
Construction	15.2	15.8	16.2	- .6	- 1.0
Transportation & Public Utilities	20.2	20.2	19.8	0	.4
Wholesale & Retail Trade	76.1	74.9	75.8	1.2	.3
Wholesale Trade	21.8	22.0	22.2	- .2	- .4
Retail Trade	54.3	52.9	53.6	1.4	.7
General Merchandise Stores	11.7	10.8	11.5	.9	.2
Food Stores	7.5	7.5	7.5	0	0
Auto Dealers & Service Stations	5.5	5.7	5.6	- .2	- .1
Finance, Insurance & Real Estate	26.5	26.5	26.9	0	- .4
Insurance Carriers and Agents	10.3	10.4	10.6	- .1	- .3
Services	61.6	61.1	59.1	.5	2.5
Government	74.4	74.4	75.4	0	- 1.0
Federal Government	7.5	7.5	7.6	0	- .1
State & Local Government	66.5	66.5	67.6	0	- 1.1

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT (In Thousands of Employees)			NET CHANGE FROM	
	December 1981	November 1981	December 1980	November 1981	December 1980
NONAGRICULTURAL	102.6	102.6	105.2	0	- 2.6
MANUFACTURING	20.5	20.5	21.0	0	- .5
Durable Goods	12.0	11.9	12.4	.1	- .4
Furniture & Fixtures	1.4	1.4	1.4	0	0
Primary Metals & Fabricated Metal Products	2.4	2.4	2.5	0	- .1
Fabricated Structural Metal Products	1.1	1.1	1.3	0	- .2
Machinery, except Electrical	1.7	1.7	1.7	0	0
Other Durable Goods 1/	6.5	6.4	6.8	.1	- .3
Nondurable Goods	8.5	8.6	8.6	- .1	- .1
Food & Kindred Products	1.9	1.9	1.9	0	0
Textile Mill Products	1.5	1.6	1.7	- .1	- .2
Apparel & Other Textile Products	1.6	1.6	1.6	0	0
Printing and Publishing	.9	.9	.9	0	0
Other Nondurable Goods 2/	2.6	2.6	2.5	0	.1
NONMANUFACTURING	82.1	82.1	84.2	0	- 2.1
Mining	.1	.1	.1	0	0
Construction	4.5	4.9	6.0	- .4	- 1.5
Transportation & Public Utilities	9.5	9.6	9.6	- .1	- .1
Wholesale & Retail Trade	26.3	25.9	26.5	.4	- .2
Wholesale Trade	7.4	7.3	7.4	.1	0
Retail Trade	18.9	18.6	19.1	.3	- .2
Finance, Insurance & Real Estate	6.1	6.1	6.2	0	- .1
Services	20.0	19.9	19.7	.1	.3
Government	15.6	15.6	16.1	0	- .5
Federal Government	3.1	3.1	3.1	0	0
State & Local Government	12.5	12.5	13.0	0	- .5

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.

1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to December 1978 benchmark levels.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C - 1

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$282.27	$280.76	$262.76	39.7	39.6	40.3	$ 7.11	$ 7.09	$ 6.52
Durable Goods	289.76	286.53	269.28	40.3	40.3	41.3	7.19	7.11	6.52
Lumber and Wood Products	196.31	193.66	192.06	36.9	37.1	38.8	5.32	5.22	4.95
Furniture and Fixtures	180.68	179.08	175.96	37.8	37.7	39.9	4.78	4.75	4.41
Household and Office Furniture	179.35	178.60	175.12	37.6	37.6	39.8	4.77	4.75	4.40
Stone, Clay and Glass Products	259.91	264.62	248.64	39.5	40.9	42.0	6.58	6.47	5.92
Structural Clay Products	222.07	248.78	227.38	41.2	45.9	42.5	5.39	5.42	5.35
Glass and Glass Products	296.93	283.29	257.88	40.9	39.4	42.0	7.26	7.19	6.14
Primary Metal Industries	346.37	359.16	363.69	38.7	40.4	43.4	8.95	8.89	8.38
Fabricated Metal Products	341.52	338.21	330.85	41.7	41.6	42.2	8.19	8.13	7.84
Fabricated Structural Metal Products	338.87	340.76	319.36	43.5	43.8	42.3	7.79	7.78	7.55
Machinery, except Electrical	319.07	312.36	293.44	41.6	41.1	41.8	7.67	7.60	7.02
Construction and Related Machinery	319.70	317.75	303.36	41.9	41.7	41.5	7.63	7.62	7.31
Special Industry Machinery	367.16	361.42	316.16	41.3	40.7	40.9	8.89	8.88	7.73
Refrigeration and Service Machinery	335.52	340.80	330.60	48.0	48.0	47.5	6.99	7.10	6.96
Electric and Electronic Equipment	296.61	291.60	277.89	40.3	40.0	41.6	7.36	7.29	6.68
Communication Equipment	314.82	301.47	296.84	39.6	38.7	41.0	7.95	7.79	7.24
Instruments and Related Products	1) 175.21	1) 172.05	212.40	37.2	37.0	40.0	1) 4.71	1) 4.65	5.31
Miscellaneous Manufacturing Industries	228.98	219.16	231.90	37.6	37.4	40.9	6.09	5.86	5.67
Nondurable Goods	276.67	275.73	257.54	39.3	39.0	39.5	7.04	7.07	6.52
Food and Kindred Products	245.99	257.28	216.02	38.8	39.4	36.8	6.34	6.53	5.87
Tobacco Manufactures	400.43	388.24	372.62	38.1	36.8	37.6	10.51	10.55	9.91
Cigarettes	425.97	425.97	395.75	37.3	37.3	37.3	11.42	11.42	10.61
Textile Mill Products	221.70	223.00	216.36	39.1	39.4	40.9	5.67	5.66	5.29
Weaving Mills, Cotton, Synthetics and Wool	239.99	244.61	234.21	40.2	40.7	42.2	5.97	6.01	5.55
Knitting Mills	195.52	197.38	186.96	37.1	38.4	38.0	5.27	5.14	4.92
Yarn and Thread Mills	206.00	196.41	195.99	41.7	41.7	42.7	4.94	4.71	4.59
Miscellaneous Textile Goods	230.04	239.95	222.60	39.8	41.3	42.0	5.78	5.81	5.30
Apparel and Other Textile Products	167.08	163.19	153.30	36.4	35.4	36.5	4.59	4.61	4.20
Men's and Boys' Suits, Coats and Furnishings	158.18	166.49	152.39	31.7	33.1	34.4	4.99	5.03	4.43
Women's and Children's Outerwear & Undergarments	165.06	154.09	155.42	37.6	35.1	38.0	4.39	4.39	4.09
Paper and Allied Products	366.80	359.94	356.03	42.8	42.0	43.9	8.57	8.57	8.11
Pulp, Paper and Paperboard	421.03	435.16	427.63	42.4	43.0	45.3	9.93	10.12	9.44
Misc. Converted Paper and Paperboard Products, Containers and Boxes	313.04	287.00	286.52	43.0	41.0	42.7	7.28	7.00	6.71
Printing and Publishing	318.36	318.19	304.57	37.9	37.7	38.7	8.40	8.44	7.87
Newspapers and Periodicals	271.78	262.48	270.92	34.1	33.1	35.6	7.97	7.93	7.61
Chemical and Allied Products	382.70	373.80	351.10	43.0	42.0	41.6	8.90	8.90	8.44
Plastic Materials and Synthetics	383.56	377.52	358.98	43.0	41.9	41.5	8.92	9.01	8.65
Agricultural Chemicals	276.18	270.91	249.72	42.1	40.8	41.9	6.56	6.64	5.96
Leather and Leather Products	153.62	149.26	136.86	38.5	35.6	37.6	3.99	3.94	3.64

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

BEST AVAILABLE COPY

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$226.26	$228.65	$208.32	37.9	37.3	37.4	$5.97	$6.13	$5.57
Durable Goods	284.71	289.88	273.48	40.1	40.6	40.1	7.10	7.14	6.82
Fabricated Metal Products	1) 350.24	1) 342.50	349.66	39.8	40.2	40.8	1) 8.80	1) 8.52	8.57
Machinery and Transportation Equipment	274.23	271.42	251.20	41.3	41.0	40.0	6.64	6.62	6.28
Nondurable Goods	169.22	166.45	157.34	35.7	33.9	35.2	4.74	4.91	4.47
Food and Kindred Products	194.14	194.94	194.22	34.0	34.2	35.9	5.71	5.70	5.41
Apparel and Other Textile Products	139.60	136.08	124.59	34.9	31.5	32.7	4.00	4.32	3.81

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,800 production workers.

1) Not comparable with data for prior years.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$278.10	$287.75	$262.22	39.9	40.7	41.1	$6.97	$7.07	$6.38
Durable Goods	303.88	307.84	277.30	41.4	41.6	41.7	7.34	7.40	6.65
Lumber and Wood Products and Furniture and Fixtures	175.73	166.07	177.41	35.5	34.1	39.6	4.95	4.87	4.48
Nondurable Goods	238.13	257.81	243.76	37.5	39.3	40.9	6.35	6.56	5.96
Food and Kindred Products	300.25	284.20	258.69	41.3	39.2	42.9	7.27	7.25	6.03
Textile Mill Products	239.20	242.61	236.32	39.8	40.1	42.2	6.01	6.05	5.60
Apparel and Other Textile Products	129.51	140.63	138.64	31.9	34.3	35.1	4.06	4.10	3.95
Paper and Allied Products	334.11	448.44	409.58	42.4	50.5	53.4	7.88	8.88	7.67

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 20,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay of overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$317.68	$303.96	$307.22	41.8	40.8	42.2	$7.60	$7.45	$7.28
Durable Goods	343.94	322.70	334.18	43.1	40.9	43.4	7.98	7.89	7.70
Lumber and Wood Products	238.39	212.06	282.32	40.2	37.8	44.6	5.93	5.61	6.33
Stone, Clay, and Glass Products	336.54	294.80	279.64	47.2	43.1	44.6	7.13	6.84	6.27
Fabricated Metal Products	238.21	220.42	217.95	41.0	38.4	39.7	5.81	5.74	5.49
Machinery, except Electrical	245.59	250.60	254.81	35.8	35.8	41.5	6.86	7.00	6.14
Transportation Equipment	429.55	400.77	420.44	47.1	43.8	46.0	9.12	9.15	9.14
Nondurable Goods	265.10	265.83	254.72	39.1	40.4	39.8	6.78	6.58	6.40
Food and Kindred Products	243.84	256.47	231.84	38.4	41.3	38.9	6.35	6.21	5.96
Apparel and Other Textile Products	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Chemicals and Allied Products	283.67	269.69	252.35	38.7	38.2	40.9	7.33	7.06	6.17

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 22,800 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$310.18	$303.56	$280.78	40.6	40.1	40.4	$7.64	$7.57	$6.95
Durable Goods	300.98	291.92	272.58	41.4	41.0	41.3	7.27	7.12	6.60
Stone, Clay, and Glass Products	236.37	236.69	244.61	37.4	38.3	40.7	6.32	6.18	6.01
Fabricated Metal Products	347.20	353.83	293.28	43.4	43.9	41.6	8.00	8.06	7.05
Electric and Electronic Equipment	1) 327.52	1) 302.32	307.40	44.2	42.7	42.4	1) 7.41	1) 7.08	7.25
Nondurable Goods	323.08	321.36	291.69	39.4	39.0	39.1	8.20	8.24	7.46
Food and Kindred Products	316.41	335.55	289.76	39.8	42.8	40.3	7.95	7.84	7.19

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 9,200 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

1) Not comparable with data for prior years.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$357.20	$343.09	$313.75	41.2	39.3	40.8	$ 8.67	$ 8.73	$ 7.69
Durable Goods	1) 187.59	1) 179.00	195.85	1) 37.0	1) 35.8	42.3	1) 5.07	1) 5.00	4.63
Lumber and Wood Products and Furniture and Fixtures	1) 177.93	1) 160.72	158.79	1) 35.8	1) 32.8	40.2	1) 4.97	1) 4.90	3.95
Nondurable Goods	403.12	388.49	351.01	42.3	40.3	40.3	9.53	9.64	8.71
Food & Kindred Products	232.72	283.86	218.06	40.9	45.2	41.3	5.69	6.28	5.28
Chemicals & Allied Products	504.51	454.52	408.71	50.2	44.0	43.9	10.05	10.33	9.31

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 8,600 production workers.

1) Not comparable with data for prior years.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$371.01	$363.80	$344.61	41.5	41.2	40.4	$ 8.94	$ 8.83	$ 8.53
Durable Goods	347.24	341.96	340.05	40.9	41.5	42.4	8.49	8.24	8.02
Lumber and Wood Products	211.83	206.00	186.76	39.3	40.0	40.6	5.39	5.15	4.60
Furniture and Fixtures	197.24	197.80	187.20	40.5	40.7	40.0	4.87	4.86	4.68
Primary Metal Industries	462.28	501.20	531.65	36.4	40.0	42.6	12.70	12.53	12.48
Fabricated Metal Products	465.52	446.26	436.02	44.0	43.2	43.0	10.58	10.33	10.14
Fabricated Structural Metal Products	513.98	494.12	504.74	44.5	44.0	43.4	11.55	11.23	11.63
Nondurable Goods	380.72	372.78	344.12	41.7	41.1	39.6	9.13	9.07	8.69
Food and Kindred Products	256.17	259.88	230.78	36.7	37.5	36.4	6.98	6.93	6.34
Tobacco Manufactures	467.93	460.06	413.77	42.5	41.9	38.1	11.01	10.98	10.86
Cigarettes	470.64	470.64	421.07	42.4	42.4	37.9	11.10	11.10	11.11
Apparel and Other Textile Products	184.47	179.49	168.63	39.0	38.6	39.4	4.73	4.65	4.28
Paper and Allied Products	374.26	327.81	323.82	45.2	41.6	43.7	8.28	7.88	7.41
Printing and Publishing	335.54	341.88	326.82	38.0	38.5	39.0	8.83	8.88	8.38
Chemicals and Allied Products	414.74	413.32	391.02	44.5	44.3	42.0	9.32	9.33	9.31

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,000 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
MANUFACTURING	$269.20	$264.80	$260.20	40.0	39.7	41.9	$6.73	$6.67	$6.21
Durable Goods	282.88	278.05	270.08	41.6	41.5	42.6	6.80	6.70	6.34
Fabricated Metal Products	251.10	253.98	247.95	41.3	41.5	43.5	6.08	6.12	5.70
Fabricated Structural Metal Products	260.41	266.24	262.39	41.4	41.6	44.7	6.29	6.40	5.87
Nondurable Goods	250.61	246.93	246.22	37.8	37.3	40.9	6.63	6.62	6.02
Food and Kindred Products	274.34	270.68	266.22	44.9	43.8	45.9	6.11	6.18	5.80
Textile Mill Products	212.39	212.08	189.51	38.9	38.7	39.4	5.46	5.48	4.81

Data for the Roanoke Standard Metropolitan Statistical Area (city of Roanoke and the counties of Botetourt, Craig and Roanoke) cover approximately 13,900 production workers.

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980	December 1981	November 1981	December 1980
Virginia	$282.27	$280.76	$262.76	$220.01	$218.99	$208.15	$240.72	$239.58	$227.39
Bristol Area	226.26	228.65	208.32	181.45	183.13	169.55	198.52	200.32	185.80
Lynchburg SMSA	278.10	287.75	262.22	217.20	223.70	207.77	235.58	244.85	226.98
Norfolk-Virginia Beach-Portsmouth SMSA	317.68	303.96	307.22	243.46	234.62	238.41	267.05	257.06	261.08
Northern Virginia Area	310.18	303.56	280.78	238.71	234.35	220.47	261.63	256.76	241.06
Petersburg-Colonial Heights-Hopewell SMSA	357.20	343.09	313.75	268.50	259.56	242.60	295.64	285.44	265.84
Richmond SMSA	371.01	363.80	344.61	277.17	272.68	262.31	305.64	300.42	288.33
Roanoke SMSA	269.20	264.80	260.20	211.21	208.20	206.36	230.87	227.56	225.44

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	December 1981 2/	November 1981	December 1980	November 1980
NONAGRICULTURAL	2,170.4	2,163.9	2,171.7	2,159.6
MANUFACTURING	406.7	405.9	413.2	412.4
Durable Goods	186.0	185.4	190.0	189.1
Lumber & Wood Products	21.5	21.6	22.2	21.9
Furniture and Fixtures	24.6	24.8	25.3	24.8
Stone, Clay and Glass Products	12.4	12.4	12.9	13.0
Primary Metal Industries	11.7	11.7	12.5	12.3
Fabricated Metal Products	19.9	19.1	20.4	20.2
Machinery, except Electrical	15.0	15.0	15.7	15.6
Electric and Electronic Equipment	36.2	35.9	35.2	35.3
Transportation Equipment	38.6	37.6	39.8	39.5
Instruments and Related Products	4.0	4.0	3.9	3.9
Nondurable Goods	220.8	220.8	223.4	223.6
Food and Kindred Products	39.8	39.7	40.9	40.7
Tobacco Manufactures	18.3	18.5	18.0	18.0
Textile Mill Products	43.4	42.7	44.0	44.0
Apparel and Other Textile Products	32.7	32.4	33.4	33.5
Paper and Allied Products	15.1	15.0	15.0	15.1
Printing and Publishing	22.5	22.6	22.3	22.2
Chemicals and Allied Products	33.3	33.7	33.9	34.1
Leather and Leather Products	3.5	3.5	3.7	3.7
MINING	25.5	24.2	24.5	23.2
Bituminous Coal and Lignite Mining	22.9	21.5	21.3	20.1
CONTRACT CONSTRUCTION	113.3	113.1	125.6	125.4
TRANSPORTATION & PUBLIC UTILITIES	116.6	117.1	116.2	116.5
Railroad Transportation	13.3	13.6	13.0	13.4
Trucking and Warehousing	27.5	27.4	28.1	28.1
Transportation by Air	11.0	11.2	11.8	11.8
Communication	33.2	33.2	31.9	31.8
Electric, Gas and Sanitary Services	17.8	17.9	16.8	16.8
WHOLESALE AND RETAIL TRADE	467.6	466.7	457.3	454.9
Wholesale Trade	108.1	108.0	107.1	106.5
Retail Trade	359.4	359.0	350.2	348.7
General Merchandise Stores	56.1	56.4	56.2	55.9
Food Stores	57.4	56.9	57.0	57.1
FINANCE, INSURANCE & REAL ESTATE	106.4	106.8	106.7	106.6
Banking	34.5	34.2	33.5	33.3
Insurance Carriers	20.3	20.2	20.3	20.2
SERVICES	422.1	421.0	408.5	406.3
Personal Services	24.6	24.8	24.4	24.6
Business Services	82.7	83.0	87.4	85.8
GOVERNMENT	512.5	511.9	520.2	516.7
Federal Government	159.2	158.6	155.9	154.4
State and Local Government	353.4	352.8	364.4	362.2
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	39.1	39.1	39.7	39.4
Durable Goods	39.3	39.8	40.2	39.7
Lumber and Wood Products	36.7	37.3	38.6	38.2
Furniture and Fixtures	36.5	36.9	39.2	38.4
Household & Office Furniture	36.2	36.9	39.0	38.3
Stone, Clay & Glass Products	38.6	40.5	41.1	40.0
Primary Metal Industries	38.0	39.6	42.7	38.6
Fabricated Metal Products	40.4	41.0	40.9	42.2
Fabricated Structural Metal Products	41.8	43.4	40.7	43.8
Machinery, except Electrical	40.7	40.5	40.1	39.8
Electric and Electronic Equipment	40.0	39.1	41.3	39.6
Instruments & Related Products	36.2	36.1	38.9	39.1
Miscellaneous Manufacturing Industries	36.4	36.7	39.6	38.2
Nondurable Goods	38.9	38.5	39.1	39.1
Food & Kindred Products	38.6	38.9	36.6	38.3
Tobacco Manufactures	36.6	34.5	38.8	40.3
Cigarettes	35.6	34.9	38.6	41.1
Textile Mill Products	39.1	39.4	40.8	40.2
Weaving Mills, Cotton, Synthetics and Wool	39.2	40.0	41.2	41.0
Knitting Mills	37.3	38.7	38.2	38.4
Apparel & Other Textile Products	36.2	34.6	36.3	34.4
Men's and Boys' Suits, Coats and Furnishings	32.0	32.4	35.1	35.0
Women's and Children's Outerwear & Undergarments	37.5	34.1	37.9	33.2
Paper & Allied Products	42.2	41.7	43.3	43.7
Pulp, Paper and Paperboard	42.1	42.3	45.0	45.2
Printing and Publishing	37.3	36.7	38.0	37.4
Newspapers and Periodicals	33.2	32.1	35.6	33.6
Chemicals & Allied Products	43.2	41.7	41.8	41.7
Plastics Materials & Synthetics	43.3	41.9	41.8	41.5
Agricultural Chemicals	42.6	41.5	42.4	42.1
Leather & Leather Products	38.0	35.6	37.2	37.0

1/ Employment in thousands.

2/ Preliminary

Revised to 1st Qtr. 1981 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1980
JANUARY 1977 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,115.4	413.9	24.2	138.3	114.2	443.9	104.4	383.7	493.7
1980	2,147.4	413.9	22.7	128.7	115.8	451.3	106.0	398.1	511.3
1977:									
January	1,883.4	391.8	24.0	107.2	105.9	397.0	89.2	320.2	444.8
February	1,889.5	394.9	24.0	112.6	106.8	394.7	89.4	320.6	446.9
March	1,903.7	397.5	23.7	115.4	106.9	398.3	90.4	323.2	448.1
April	1,906.4	399.4	22.9	112.5	106.8	399.9	90.7	326.8	447.7
May	1,910.0	398.8	22.2	111.9	106.6	400.7	90.9	328.1	448.6
June	1,924.2	401.1	21.5	112.5	106.2	402.9	91.4	331.7	451.0
July	1,938.2	404.0	21.5	113.3	106.7	406.7	91.7	334.0	453.7
August	1,947.0	404.5	22.2	114.3	107.2	407.7	92.6	336.4	455.6
September	1,958.5	404.4	22.0	115.5	107.5	410.8	93.0	337.9	458.9
October	1,962.7	404.3	21.8	115.8	107.4	412.8	93.2	339.2	460.8
November	1,968.6	404.9	22.9	116.0	107.5	415.6	93.6	340.9	461.5
December	1,970.6	405.0	13.0	116.4	107.6	418.7	93.7	342.7	466.1
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.0	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.0	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.0	135.3	113.3	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,090.6	413.9	26.1	134.7	112.9	438.0	102.2	371.0	488.6
February	2,078.6	406.3	25.5	131.2	112.5	439.1	103.1	374.0	487.9
March	2,094.4	411.2	24.9	136.3	112.9	440.7	103.5	377.1	486.9
April	2,098.1	412.8	24.0	136.1	112.3	443.5	103.2	379.9	489.2
May	2,104.8	413.0	22.9	137.4	112.3	443.0	103.3	381.5	492.2
June	2,107.2	413.7	22.0	137.9	114.6	442.7	103.8	380.0	492.6
July	2,114.6	414.8	21.8	139.9	115.5	439.5	105.0	383.1	493.5
August	2,123.9	414.5	22.4	140.1	115.7	442.8	105.4	385.8	495.8
September	2,131.8	415.8	23.0	140.8	116.0	446.0	104.9	387.9	497.8
October	2,140.0	416.9	21.9	140.4	116.1	449.9	108.3	389.7	499.2
November	2,148.9	417.0	23.0	142.5	114.8	450.9	106.6	396.6	500.3
December	2,153.5	417.8	24.4	142.6	114.5	451.1	108.8	396.6	500.5
1980:									
January	2,143.7	418.2	24.7	139.4	114.0	449.3	108.1	389.8	500.6
February	2,146.4	421.0	24.2	138.1	114.5	450.6	108.4	390.1	502.4
March	2,144.4	421.5	23.5	132.6	113.9	449.0	106.2	391.1	504.0
April	2,148.2	419.2	23.0	130.0	116.4	450.5	105.8	395.5	508.8
May	2,144.1	416.3	22.1	128.4	115.7	449.0	105.7	396.1	511.9
June	2,134.8	411.1	21.3	125.8	115.5	447.5	105.3	396.0	511.7
July	2,126.2	403.8	21.0	124.3	116.2	448.7	105.4	397.4	508.7
August	2,142.8	408.2	22.0	134.5	118.8	452.0	105.4	400.4	513.5
September	2,152.8	409.6	21.9	135.2	116.4	453.2	105.5	401.4	520.0
October	2,156.6	412.3	21.8	135.5	117.4	453.7	106.5	404.2	516.5
November	2,159.6	412.4	23.2	135.4	116.5	454.9	106.6	406.3	516.7
December	2,171.7	413.2	24.5	135.6	116.2	457.3	106.7	408.5	520.2
1981:									
January	2,169.6	414.3	24.8	121.9	115.7	458.8	108.3	414.2	510.6
February	2,176.8	415.7	24.8	124.2	116.5	463.1	108.8	413.2	512.3
March	2,177.0	417.6	24.0	122.2	115.7	460.2	108.9	414.7	512.7
April	2,152.6	416.8	13.1	117.2	115.5	459.3	108.9	413.1	513.3
May	2,145.7	416.2	12.6	115.1	115.0	458.2	108.9	413.0	513.4
June	2,152.6	413.6	20.7	113.7	116.4	461.3	108.3	412.7	509.0
July	2,148.3	410.5	20.9	113.8	117.7	462.3	108.5	415.6	503.8
August	2,150.2	408.5	22.3	112.0	117.7	464.3	108.4	416.1	503.3
September	2,161.6	411.6	22.6	113.8	117.7	466.3	108.1	416.3	508.7
October	2,163.4	407.4	22.6	113.2	118.8	467.4	107.1	417.2	510.5
November	2,163.9	405.9	24.2	113.1	117.1	466.7	106.9	421.0	511.9
December	2,170.4	406.7	25.5	113.3	116.6	467.6	106.4	422.1	512.5

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

1/ Federal Government employment in the Virginia portion of the Washington Standard Metropolitan Area is included.

EXPLANATORY NOTES

This release presents and analyzes statistics from the Current Employment Statistics Survey. Data on nonagricultural payroll employment, hours and earnings are collected by the Virginia Department of Labor and Industry in cooperation with the U. S. Bureau of Labor Statistics, from payroll records of a sample of approximately 6,000 establishments. In most industries the sampling probabilities are based on the size of the establishment; most large establishments are therefore in the sample. Self-employed persons, domestic workers and others not on a regular civilian payroll are outside the scope of the survey because they are excluded from establishment records.

Definitions:

Employed persons are all persons who received pay (including holiday and sick pay) for any part of the payroll period including the 12th of the month. Persons holding more than one job are counted in each establishment which reports them. From a sample composed of establishments reporting for both the previous and the current months, the ratio of current employment to that of the previous month is computed. This is called a link relative. The estimates of employment for the current month are obtained by multiplying the estimates for the previous month by these link relatives.

Production workers in manufacturing include blue-collar worker supervisors and all nonsupervisory workers closely associated with production operations.

Hours represent the average weekly hours of production or nonsupervisory workers for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Earnings are the payments production or nonsupervisory workers receive during the survey period, including premium pay for overtime or late-shift work but excluding irregular bonuses and other special payments. Average hourly earnings are on a gross basis, reflecting not only changes in basic hourly and incentive wage rates, but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Spendable earnings are earnings from which estimated social security and Federal income taxes have been deducted. Spendable earnings from gross weekly earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory personnel related to the production operations in manufacturing industries, excluding other income and income earned by other family members.

Benchmark Adjustments. Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made. The primary sources of benchmark information are employment data, by industry, compiled quarterly by the Virginia Employment Commission from reports of establishments covered under the unemployment insurance laws.

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1972 period. The hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings.

Seasonal Adjustments. Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are reported more or less regularly each year. The cumulative effects of these events are often large. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally adjusted data to interpret short-term economic developments. Seasonally adjusted estimates of total employment and average weekly hours of production workers in the manufacturing industries are published in this release for the State of Virginia. The seasonal adjustment methods used for these series are an adaptation to the standard ratio-to-moving average method, with a provision for moving "adjustment factors" to take account of changing seasonal patterns.

Labor force and unemployment estimates for the State and standard metropolitan statistical areas are developed by the Virginia Employment Commission under a Federal-State cooperative program. Estimates are derived from standardized procedures developed by the Bureau of Labor Statistics.

3/9/82 58270-2 A

EMPLOYMENT HOURS AND EARNINGS

VOLUME 32
NUMBER 2

VIRGINIA

BRISTOL

RICHMOND

NORTHERN VIRGINIA

NORFOLK-VIRGINIA BEACH-PORTSMOUTH

ROANOKE

LYNCHBURG

NEWPORT NEWS-HAMPTON

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL

February 1982

VIRGINIA DEPARTMENT OF LABOR AND INDUSTRY
Fourth Street Office Building
Richmond, Virginia
Telephone 804-786-2379 or 2385

Robert F. Beard, Jr. — Commissioner
Texa B. Thurston — Director of Research
Ruby L. Butler — Editor

CONTENTS

List of Statistical Tables — Page
Employment Development, January 1982 — 1 & 2
Statistical Tables:

Not Seasonally Adjusted

Employment

State of Virginia

A- 1. Employees on nonagricultural payrolls, by industry, January 1982 . . . . . 4 & 5
A- 2. Employees on nonagricultural payrolls, by industry division to date 6
A- 3. Female Employees on nonagricultural payrolls, by industry, January 1982 . . . . . 7 & 8
A- 4. Production Workers on manufacturing payrolls, by industry, January 1982 9

Standard Metropolitan Statistical Areas

A- 5. Bristol, Va. - Employees on nonagricultural payrolls, by industry, January 1982. 10
A- 6. Lynchburg, Va. - Employees on nonagricultural payrolls, by industry, January 1982. 10
A- 7. Newport News, Va. - Employees on nonagricultural payrolls, by industry, January 1982 11
A- 8. Norfolk-Virginia Beach-Portsmouth, Va. - Employees on nonagricultural payrolls, by industry, January 1982 11
A- 9. Northern Virginia, Va. - Employees on nonagricultural payrolls, by industry, January 1982 12
A-10. Petersburg, Va. - Employees on nonagricultural payrolls, by industry, January 1982 12
A-11. Richmond, Va. - Employees on nonagricultural payrolls, by industry, January 1982 13
A-12. Roanoke, Va. - Employees on nonagricultural payrolls, by industry, January 1982 13

B- 1. Labor Force Estimates, U. S., Virginia and Metropolitan Areas, December 1981. 3

Hours and Earnings

C- 1. State of Virginia - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 14
C- 2. Bristol Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 15
C- 3. Lynchburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 15
C- 4. Norfolk-Virginia Beach-Portsmouth SMSA - Gross hours and earnings of production workers on payrolls, by industry, January 1982. 16
C- 5. Northern Virginia Area - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 16
C- 6. Petersburg SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 17
C- 7. Richmond SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 17
C- 8. Roanoke SMSA - Gross hours and earnings of production workers on manufacturing payrolls, by industry, January 1982 18
C- 9. Gross and Spendable Average Weekly Earnings of Factory Production Workers, Virginia and Metropolitan Areas, December 1981 18

Seasonally Adjusted

D- 1. Employees on Virginia nonagricultural payrolls, by industry, January 1982
Weekly Hours of Virginia Manufacturing Production Workers, by industry, January 1982. 19
D- 2. Employees on Virginia nonagricultural payrolls, by industry division, 1972 to date 20

Explanatory Notes

NONAGRICULTURAL EMPLOYMENT DROPS
AVERAGE WORKWEEK SHORT

SEASONAL LAGS AND ECONOMIC SAGS PROMPTED NONAGRICULTURAL EMPLOYMENT IN VIRGINIA TO DECLINE 35,800 BETWEEN MID-DECEMBER 1981 AND MID-JANUARY 1982 TO 2,140,400. Subfreezing temperatures which were accompanied by snow, a slackened economy and post-Christmas doldrums were the main reasons for the decline in worker totals. Seven of the eight major industrial divisions recorded fewer workers being employed in January than in December. (Only in the transportation and public utilities segment was there a small increase reported.) Although over-the-month decreases were widespread, employment was still ahead of January 1981 by 16,400; however, manufacturing, construction and government were below last year.

MANUFACTURING WORKER TOTALS MOVED DOWNWARD BY 5,800 TO 402,700 IN JANUARY. During the past four months manufacturing employment has continued to decline with the December to January drop being the most severe. Layoffs were numerous and widespread among manufacturers of both durable and nondurable goods. Many producers, due to few orders and too high inventories, did not encourage employees to venture out in the snowstorms that swept across Virginia during the survey period. The weather afforded an opportunity to close plants for all or part of the week in many areas. It was difficult to find any area of manufacturing that was not affected by either the weather or current economic conditions. Earnings of Virginia's 307,000 factory production workers at $254.16 in January were $28.98 less than December's earning of $283.14. Although the average hourly earning rose five cents to $7.20, due to the release of lower-paid workers and a few scattered wage rate increases, the loss in pay was due to the extremely short average workweek of only 35.3 hours - 4.3 hours shorter than both last month and a year ago. All of the major metropolitan areas followed the state's trend, except the Norfolk Area. There the average hourly earning also declined.

NONMANUFACTURING INDUSTRIES ACROSS THE COMMONWEALTH LOST MORE THAN 30,000 WORKERS OVER THE MONTH. While much of the job erosion in the trade sector was traceable to after-Christmas, seasonal layoffs, Virginia's snows kept shoppers at home, making January's business levels even lower. Layoffs during the first month of the year are traditional for services and this year followed the usual trend with reductions in tourist related, private educational and social service establishments accounting for much of the loss. Finance's downturn was primarily centered in real estate agencies, while mining's lower level employment was in quarrying operations rather than in coal mining. Even the hiring of temporary employees for the duration of the Virginia General Assembly's 1982 session was not enough to offset cutbacks on other government payrolls. Construction continues to be a serious concern for the economy and January's declines were compounded by the subfreezing weather that halted work on many construction sites. For the first time since early 1977 construction employment fell below the 100,000 mark.

NONAGRICULTURAL EMPLOYMENT DROPS
AVERAGE WORKWEEK SHORT

(continued from page 1)

All data for Virginia and the metropolitan areas published in this issue have been revised to the first quarter 1981 benchmark levels.

Due to budgetary restraints by the U. S. Department of Labor's Bureau of Labor Statistics, the Gross and Spendable Average Weekly Earnings of Production Workers in Virginia Manufacturing Industries (Table C-9.) will no longer be available after this month.

THE BUREAU OF LABOR STATISTIC'S PRODUCERS PRICE INDEX for all commodities in January 1982 was 298.2 (1967=100) up 0.8 percent over the month and 6.7 percent over a year earlier. The index for finished goods increased 0.8 percent to 277.4 in January 1982. The over-the-year increment was 6.3 percent.

THE ALL URBAN CONSUMERS PRICE INDEX rose 0.4 percent in January. The index (U. S. City Average) at 282.5 (1967=100) was up 8.4 percent over January 1981. The Urban Wage Earners and Clerical Workers Index also rose 0.4 percent to 282.1 in January for an over-the-year increase of 8.2 percent.

The February 1982 Consumer Price Index data will be released on March 23, 1982 and may be obtained by calling 804-786-4490.

Table B-1.

LABOR FORCE ESTIMATES 1/

(Data Not Seasonally Adjusted)

	Preliminary December 1981	Revised November 1981	December 1980
UNITED STATES			
Civilian Labor Force	106,250,000	106,864,000	104,778,000
Employed	97,442,000	98,393,000	97,545,000
Unemployed	8,807,000	8,470,000	7,233,000
Rate	8.3	7.9	6.9
VIRGINIA			
Civilian Labor Force	2,592,800	2,575,200	2,541,000
Employed	2,419,700	2,419,800	2,413,600
Unemployed	173,100	155,400	127,400
Rate	6.7	6.0	5.0
BRISTOL AREA			
Civilian Labor Force	39,320	39,230	39,520
Employed	36,520	36,950	37,260
Unemployed	2,800	2,280	2,260
Rate	7.1	5.8	5.7
LYNCHBURG SMSA			
Civilian Labor Force	80,310	77,950	76,820
Employed	73,570	73,340	73,280
Unemployed	6,740	4,610	3,540
Rate	8.4	5.9	4.6
NEWPORT NEWS-HAMPTON SMSA			
Civilian Labor Force	174,050	173,400	168,910
Employed	162,690	162,690	160,140
Unemployed	11,360	10,710	8,770
Rate	6.5	6.2	5.2
NORFOLK-VIRGINIA BEACH-PORTSMOUTH SMSA			
Civilian Labor Force	343,050	339,970	328,300
Employed	320,010	317,690	309,580
Unemployed	23,040	22,280	18,720
Rate	6.7	6.6	5.7
NORTHERN VIRGINIA AREA			
Civilian Labor Force	587,200	584,100	574,100
Employed	564,000	560,600	556,300
Unemployed	23,200	23,500	17,800
Rate	3.9	4.0	3.1
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL SMSA			
Civilian Labor Force	60,550	59,730	61,080
Employed	55,650	55,510	57,300
Unemployed	4,900	4,220	3,780
Rate	8.1	7.1	6.2
RICHMOND SMSA			
Civilian Labor Force	338,860	337,800	333,920
Employed	323,660	321,840	322,540
Unemployed	15,200	15,960	11,380
Rate	4.5	4.7	3.4
ROANOKE SMSA			
Civilian Labor Force	112,250	110,890	111,770
Employed	104,310	104,080	106,720
Unemployed	7,940	6,810	5,050
Rate	7.1	6.1	4.5

1/ All data adjusted to a place-of-residence basis.

NOTE: Employment includes agricultural and nonagricultural workers, self-employed, unpaid family workers and domestics, and strikers whenever strikes exist.

Current month's estimates are preliminary. Employment series for Virginia have been adjusted to first quarter 1981 benchmark levels. Areas are on December 1978 benchmark levels.

Manpower Research
Virginia Employment Commission

Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	2,140.4	2,176.2	2,124.0	- 35.8	16.4
MANUFACTURING	402.7	408.5	411.4	- 5.8	- 8.7
DURABLE GOODS	181.9	186.2	189.6	- 4.3	- 7.7
LUMBER AND WOOD PRODUCTS	20.9	21.1	21.4	- .2	- .5
MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	5.4	5.5	5.6	- .1	- .2
WOOD CONTAINERS	1.6	1.6	1.6	.0	.0
WOOD BLDGS. & MOBILE HOMES	2.1	2.2	2.3	- .1	- .2
MISC. WOOD PRODUCTS	2.3	2.2	2.3	.1	.0
FURNITURE AND FIXTURES	24.0	24.8	26.0	- .8	- 2.0
HOUSEHOLD AND OFFICE FURNITURE	22.8	23.5	24.6	- .7	- 1.8
STONE, CLAY & GLASS PRODUCTS	11.8	12.2	12.4	- .4	- .6
STRUCTURAL CLAY PRODUCTS	0.4	0.5	0.5	- .1	- .1
CONCRETE, GYPSUM AND PLASTER PRODUCTS	6.5	6.8	6.8	- .3	- .3
GLASS AND GLASS PRODUCTS	2.0	2.0	2.0	.0	.0
PRIMARY METAL INDUSTRIES	11.2	11.6	12.2	- .4	- 1.0
FABRICATED METAL PRODUCTS	19.7	19.9	20.1	- .2	- .4
FABRICATED STRUCTURAL METAL PRODUCTS	12.1	12.3	12.8	- .2	- .7
MACHINERY EXCEPT ELECTRICAL	15.2	15.1	15.7	.1	- .5
CONSTRUCTION AND RELATED MACHINERY	4.8	4.9	5.0	- .1	- .2
SPECIAL INDUSTRY MACHINERY	1.9	1.9	1.9	.0	.0
REFRIGERATION AND SERVICE MACHINERY	2.2	2.1	1.9	.1	.3
ELECTRIC & ELECTRONIC EQUIPMENT	35.9	36.4	35.4	- .5	.5
COMMUNICATION EQUIPMENT	10.1	10.1	9.7	.0	.4
ELECTRONIC COMPONENTS AND ACCESSORIES	6.0	6.2	5.9	- .2	.1
TRANSPORTATION EQUIPMENT	36.7	38.5	39.5	- 1.8	- 2.8
INSTRUMENTS & RELATED PRODUCTS	4.0	4.0	4.1	.0	- .1
MISC. MANUFACTURING IND.	2.5	2.6	2.7	- .1	- .2
NONDURABLE GOODS	220.7	222.3	221.9	- 1.6	- 1.2
FOOD & KINDRED PRODUCTS	40.0	40.3	39.5	- .3	.5
MEAT PRODUCTS	13.8	13.8	13.5	.0	.3
DAIRY PRODUCTS	2.6	2.6	2.4	.0	.2
PRESERVED FRUITS AND VEGETABLES	3.8	4.2	3.6	- .4	.2
BAKERY PRODUCTS	4.5	4.5	4.8	.0	- .3
BEVERAGES	5.5	5.5	5.3	.0	.2
TOBACCO MANUFACTURES	19.0	19.2	18.5	- .2	.5
CIGARETTES	16.2	16.1	15.6	.1	.6
CIGARS AND CHEWING AND SMOKING TOBACCO	0.5	0.5	0.6	.0	- .1
TOBACCO STEMMING AND REDRYING	2.2	2.5	2.3	- .3	- .1
TEXTILE MILL PRODUCTS	42.8	43.3	44.6	- .5	- 1.8
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	19.1	18.9	19.3	.2	- .2
NARROW FABRIC MILLS	0.7	0.8	1.0	- .1	- .3
KNITTING MILLS	13.4	13.8	14.3	- .4	- .9
TEXTILE FINISHING EXCEPT WOOL	4.4	4.5	4.8	- .1	- .4
YARN AND THREAD MILLS	2.4	2.4	2.4	.0	.0
MISC. TEXTILE GOODS	1.2	1.2	1.2	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	32.4	32.7	32.4	- .3	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	10.9	11.3	11.6	- .4	- .7
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	18.1	18.0	17.7	.1	.4
MISC. FABRICATED TEXTILE PRODUCTS	1.7	1.7	1.5	.0	.2
PAPER & ALLIED PRODUCTS	14.8	14.9	15.1	- .1	- .3
PULP, PAPER & PAPERBOARD	7.9	8.0	8.0	- .1	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	6.7	6.7	6.7	.0	.0
MISC. CONVERTED PAPER PRODUCTS	2.8	2.8	2.8	.0	.0
PAPERBOARD CONTAINERS AND BOXES	3.9	3.9	3.9	.0	.0
PRINTING AND PUBLISHING	23.1	22.9	22.7	.2	.4
NEWSPAPER AND PERIODICALS	8.4	8.4	8.4	.0	.0
COMMERCIAL PRINTING	9.3	9.3	9.2	.0	.1
CHEMICALS & ALLIED PRODUCTS	33.3	33.5	33.7	- .2	- .4
INDUSTRIAL INORGANIC CHEMICALS	0.9	0.9	0.9	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	20.2	20.4	20.8	- .2	- .6
DRUGS	3.3	3.3	3.0	.0	.3
AGRICULTURAL CHEMICALS	1.3	1.2	1.4	.1	- .1
MISC. CHEMICAL PRODUCTS	4.3	4.3	4.1	.0	.2
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	12.0	12.0	11.9	.0	.1
MISC. PLASTICS PRODUCTS	6.1	6.1	5.8	.0	.3
RUBBER & RUBBER PRODUCTS	5.5	5.5	5.7	.0	- .2
LEATHER & LEATHER PRODUCTS	3.3	3.4	3.6	- .1	- .3

(Continued on page 5)

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 4)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
NONMANUFACTURING	1,737.7	1,767.7	1,712.6	- 30.0	25.1
MINING	23.3	23.5	22.5	- .2	.8
BITUMINOUS COAL AND LIGNITE MINING	21.1	20.9	19.7	.2	1.4
CONSTRUCTION	98.5	111.1	108.9	- 12.6	- 10.4
TRANSPORTATION & PUBLIC UTILITIES	117.9	117.6	114.4	.3	3.5
RAILROAD TRANSPORTATION	13.6	13.6	13.4	.0	.2
TRUCKING & WAREHOUSING	26.7	27.9	26.8	- 1.2	- .1
TRANSPORTATION BY AIR	11.2	11.1	11.9	.1	- .7
COMMUNICATION	33.1	33.2	31.9	- .1	1.2
ELECTRIC, GAS & SANITARY SERVICES	18.0	17.8	16.8	.2	1.2
WHOLESALE & RETAIL TRADE	468.7	483.1	451.0	- 14.4	17.7
WHOLESALE TRADE	108.0	108.8	106.6	- .8	1.4
WHOLESALE TRADE - DURABLE GOODS	65.8	65.9	65.2	- .1	.6
WHOLESALE TRADE - NONDURABLE GOODS	42.3	42.9	41.4	- .6	.9
RETAIL TRADE	360.6	374.3	344.4	- 13.7	16.2
GENERAL MERCHANDISE STORES	58.7	65.8	58.4	- 7.1	.3
DEPARTMENT STORES	47.7	53.6	47.8	- 5.9	- .1
VARIETY STORES	9.4	10.5	8.9	- 1.1	.5
FOOD STORES	56.8	58.1	56.2	- 1.3	.6
AUTOMOTIVE DEALERS AND SERVICE STATIONS	43.0	43.1	43.3	- .1	- .3
FURNITURE AND HOME FURNISHING STORES	17.8	18.1	17.0	- .3	.8
MISCELLANEOUS RETAIL	47.0	48.5	45.7	- 1.5	1.3
FINANCE, INSURANCE AND REAL ESTATE	105.1	105.7	104.5	- .6	.6
BANKING	34.5	34.4	33.6	.1	.9
INSURANCE CARRIERS	20.2	20.2	20.2	.0	.0
REAL ESTATE	24.8	25.7	25.2	- .9	- .4
SERVICES	413.6	415.6	399.7	- 2.0	13.9
PERSONAL SERVICES	24.2	24.4	24.8	- .2	- .6
BUSINESS SERVICES	81.9	82.3	79.8	- .4	2.1
AUTO & MISC REPAIR SERVICE	17.1	17.0	17.2	.1	- .1
HEALTH SERVICES	111.1	111.0	107.3	.1	3.8
GOVERNMENT	510.7	511.1	511.6	- .4	- .9
FEDERAL GOVERNMENT	158.2	157.8	154.7	.4	3.5
STATE & LOCAL GOVERNMENT	352.5	353.4	356.8	- .9	- 4.3
STATE GOVERNMENT	126.2	126.0	123.9	.2	2.3
LOCAL GOVERNMENT	226.2	227.4	233.0	- 1.2	- 6.8

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.

Table A-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS BY INDUSTRY DIVISIONS ANNUAL AVERAGES 1970 - 1981 JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Average									
1971	1,567.2	366.2	15.0	103.1	97.8	316.0	68.1	229.1	371.9
1972	1,655.2	387.8	16.1	116.9	100.9	336.2	74.4	242.9	380.0
1973	1,753.4	401.8	16.2	131.1	104.1	361.8	80.8	266.4	391.2
1974	1,804.3	401.9	16.1	132.9	106.2	368.6	84.3	286.4	405.9
1975	1,778.7	371.5	20.9	112.0	102.6	368.0	84.0	296.9	422.8
1976	1,848.1	387.7	21.8	111.8	104.4	386.7	86.3	312.8	436.6
1977	1,930.4	400.8	22.0	119.0	105.9	405.6	91.7	331.8	453.6
1978	2,033.5	409.4	20.5	130.2	107.6	428.1	97.1	357.9	482.7
1979	2,115.0	413.8	23.3	138.4	114.2	443.9	104.4	383.5	493.5
1980	2,146.8	413.8	22.7	128.3	115.8	451.2	105.9	397.9	511.2
1981	2,160.1	411.9	21.4	115.7	116.6	462.8	106.2	415.8	509.6
1978:									
January	1,932.4	402.7	12.5	107.5	103.9	409.9	92.2	333.3	470.4
February	1,933.8	403.1	12.4	105.7	103.8	405.5	92.3	337.2	473.8
March	1,960.1	402.7	12.8	113.8	105.8	409.8	93.4	345.0	476.8
April	2,009.2	402.4	23.8	128.5	106.7	418.3	94.0	352.1	483.4
May	2,036.5	406.3	24.1	132.6	108.0	425.2	96.0	358.3	486.0
June	2,077.0	409.5	24.7	140.7	110.1	431.8	99.3	367.0	493.9
July	2,065.6	409.2	24.8	142.5	104.4	432.1	99.8	370.4	482.4
August	2,068.4	413.5	21.5	142.9	105.3	434.6	100.3	371.8	478.5
September	2,066.6	415.2	17.6	139.7	105.0	436.0	100.2	369.4	483.5
October	2,075.4	416.7	23.9	138.5	111.7	436.0	98.5	364.0	486.1
November	2,085.2	416.6	24.3	136.5	112.6	445.0	98.8	362.2	489.2
December	2,092.3	415.2	24.0	132.9	113.4	453.3	100.5	364.3	488.7
1979:									
January	2,046.7	411.4	23.7	120.3	111.7	430.6	100.5	358.9	489.6
February	2,026.6	402.2	23.3	114.3	110.6	424.2	100.8	362.4	488.8
March	2,058.8	406.7	23.6	126.1	112.2	429.7	100.8	369.9	489.8
April	2,091.9	407.7	23.6	135.3	111.4	439.1	102.3	380.3	492.1
May	2,113.2	409.7	23.7	141.0	112.4	443.0	103.3	384.9	495.2
June	2,140.9	412.3	23.8	147.0	116.2	445.8	105.9	390.9	499.0
July	2,137.9	414.8	23.4	150.8	116.4	442.1	107.6	394.2	488.6
August	2,143.0	417.4	23.3	151.2	116.4	445.0	108.0	395.8	485.9
September	2,148.7	420.3	22.9	147.6	116.2	448.2	106.3	392.9	494.3
October	2,152.6	421.5	22.9	144.5	115.5	453.5	105.7	391.3	497.7
November	2,159.8	421.6	22.7	143.5	115.3	459.0	105.6	391.8	500.3
December	2,160.0	420.3	22.8	139.5	115.6	466.0	106.2	389.1	500.5
1980:									
January	2,098.7	415.3	22.4	124.5	112.7	441.7	104.3	376.2	501.6
February	2,092.7	416.4	22.1	120.3	112.6	435.3	104.1	378.0	503.9
March	2,107.9	416.9	22.2	122.7	113.2	437.8	104.4	383.7	507.0
April	2,139.8	414.2	22.7	128.8	115.5	446.0	104.8	395.9	511.9
May	2,152.7	413.0	22.8	131.7	115.8	449.0	105.7	399.7	515.0
June	2,169.0	410.7	23.0	134.1	117.1	450.6	107.6	407.5	518.4
July	2,149.6	403.8	22.8	134.0	117.1	451.4	108.0	408.9	503.6
August	2,162.1	411.1	22.9	134.3	117.5	454.3	108.0	410.8	503.2
September	2,170.0	414.1	22.8	131.5	116.6	455.5	106.9	406.6	516.0
October	2,169.5	416.8	22.8	129.1	116.8	457.3	105.9	405.8	515.0
November	2,170.4	416.9	22.9	126.3	117.0	463.1	105.6	401.4	517.2
December	2,178.2	415.7	22.9	122.8	117.4	472.4	106.1	400.7	520.2
1981:									
January	2,124.0	411.4	22.5	108.9	114.4	451.0	104.5	399.7	511.6
February	2,122.4	411.1	22.6	108.3	114.5	447.4	104.3	400.4	513.8
March	2,140.0	413.0	22.7	113.0	115.0	448.7	105.1	406.8	515.8
April	2,146.2	411.8	12.9	116.5	114.6	454.7	105.9	413.5	516.4
May	2,154.3	412.9	13.0	118.1	115.1	458.2	105.9	415.7	515.5
June	2,187.1	413.2	22.4	121.2	118.0	464.5	107.6	424.7	515.6
July	2,171.9	410.5	22.7	121.4	118.6	465.1	108.1	427.7	497.8
August	2,169.6	412.4	23.2	120.9	118.4	466.6	108.0	426.9	493.2
September	2,178.9	416.1	23.5	118.4	117.9	468.6	107.5	423.7	503.2
October	2,175.4	411.9	23.6	116.5	118.0	471.1	106.5	418.9	509.0
November	2,174.7	410.4	23.9	113.9	117.6	475.1	105.8	416.0	511.9
December	2,176.2	408.5	23.5	111.1	117.6	483.1	105.7	415.6	511.1
1982:									
January	2,140.4	402.7	23.3	98.5	117.9	468.7	105.1	413.6	510.7

See footnote Table A-1.

Table A-3.

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	927.3	942.5	908.2	- 15.2	19.1
MANUFACTURING	144.6	146.1	145.5	- 1.5	- .9
DURABLE GOODS	46.3	46.9	46.7	- .6	- .4
LUMBER AND WOOD PRODUCTS	3.8	3.8	3.7	.0	.1
MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	1.4	1.5	1.5	- .1	- .1
WOOD CONTAINERS	0.4	0.4	0.4	.0	.0
WOOD BLDGS. & MOBILE HOMES	0.3	0.2	0.3	.1	.0
MISC. WOOD PRODUCTS	0.5	0.5	0.5	.0	.0
FURNITURE AND FIXTURES	9.1	9.2	9.4	- .1	- .3
HOUSEHOLD AND OFFICE FURNITURE	8.8	8.8	9.0	.0	- .2
STONE,CLAY & GLASS PRODUCTS	1.6	1.6	1.6	.0	.0
STRUCTURAL CLAY PRODUCTS	0.0	0.0	0.0	.0	.0
CONCRETE, GYPSUM AND PLASTER PRODUCTS	0.4	0.5	0.5	- .1	- .1
GLASS AND GLASS PRODUCTS	0.5	0.5	0.4	.0	.1
PRIMARY METAL INDUSTRIES	1.6	1.7	1.9	- .1	- .3
FABRICATED METAL PRODUCTS	3.7	3.7	3.4	.0	.3
FABRICATED STRUCTURAL METAL PRODUCTS	1.6	1.6	1.6	.0	.0
MACHINERY EXCEPT ELECTRICAL	2.4	2.4	2.6	.0	- .2
CONSTRUCTION AND RELATED MACHINERY	0.7	0.7	0.7	.0	.0
SPECIAL INDUSTRY MACHINERY	0.2	0.2	0.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	0.4	0.4	0.4	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	16.0	16.2	15.6	- .2	.4
COMMUNICATION EQUIPMENT	5.1	5.1	4.8	.0	.3
ELECTRONIC COMPONENTS AND ACCESSORIES	2.5	2.5	2.4	.0	.1
TRANSPORTATION EQUIPMENT	5.0	5.3	5.7	- .3	- .7
INSTRUMENTS & RELATED PRODUCTS	1.8	1.9	1.7	- .1	.1
MISC. MANUFACTURING IND.	1.2	1.3	1.1	- .1	.1
NONDURABLE GOODS	98.3	99.1	98.8	- .8	- .5
FOOD & KINDRED PRODUCTS	15.5	15.6	14.6	- .1	.9
MEAT PRODUCTS	6.0	5.9	5.9	.1	.1
DAIRY PRODUCTS	0.6	0.6	0.4	.0	.2
PRESERVED FRUITS AND VEGETABLES	2.1	2.3	1.6	- .2	.5
BAKERY PRODUCTS	1.3	1.2	1.3	.1	.0
BEVERAGES	0.7	0.7	0.6	.0	.1
TOBACCO MANUFACTURES	5.9	6.1	6.2	- .2	- .3
CIGARETTES	5.0	5.0	5.2	.0	- .2
CIGARS AND CHEWING AND SMOKING TOBACCO	0.2	0.2	0.2	.0	.0
TOBACCO STEMMING AND REDRYING	0.7	0.9	0.8	- .2	- .1
TEXTILE MILL PRODUCTS	22.9	23.3	24.3	- .4	- 1.4
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	8.7	8.8	8.7	- .1	.0
NARROW FABRIC MILLS	0.4	0.4	0.6	.0	- .2
KNITTING MILLS	9.6	9.9	10.8	- .3	- 1.2
TEXTILE FINISHING EXCEPT WOOL	1.6	1.6	1.7	.0	- .1
YARN AND THREAD MILLS	1.4	1.4	1.4	.0	.0
MISC. TEXTILE GOODS	0.4	0.4	0.4	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	29.4	29.5	29.4	- .1	.0
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.9	10.2	10.4	- .3	- .5
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.7	16.6	16.5	.1	.2
MISC. FABRICATED TEXTILE PRODUCTS	1.1	1.1	1.0	.0	.1
PAPER & ALLIED PRODUCTS	2.7	2.7	2.7	.0	.0
PULP, PAPER & PAPERBOARD	0.8	0.8	0.8	.0	.0
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	1.9	1.9	1.8	.0	.1
MISC. CONVERTED PAPER PRODUCTS	1.2	1.2	1.0	.0	.2
PAPERBOARD CONTAINERS AND BOXES	0.7	0.7	0.7	.0	.0
PRINTING AND PUBLISHING	8.3	8.2	7.8	.1	.5
NEWSPAPER AND PERIODICALS	3.2	3.3	3.2	- .1	.0
COMMERCIAL PRINTING	2.5	2.5	2.4	.0	.1
CHEMICALS & ALLIED PRODUCTS	8.7	8.8	8.8	- .1	- .1
INDUSTRIAL INORGANIC CHEMICALS	0.2	0.2	0.2	.0	.0
PLASTICS MATERIALS AND SYNTHETICS	5.0	5.1	5.3	- .1	- .3
DRUGS	1.2	1.2	1.2	.0	.0
AGRICULTURAL CHEMICALS	0.4	0.4	0.4	.0	.0
MISC. CHEMICAL PRODUCTS	0.8	0.8	0.7	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	2.5	2.5	2.6	.0	- .1
MISC. PLASTICS PRODUCTS	1.7	1.7	1.7	.0	.0
RUBBER & RUBBER PRODUCTS	0.8	0.8	0.9	.0	- .1
LEATHER & LEATHER PRODUCTS	2.4	2.4	2.6	.0	- .2

(Continued on page 8)

ESTIMATED FEMALE EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES IN VIRGINIA

(Continued from page 7)

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
NONMANUFACTURING	782.7	796.4	762.7	- 13.7	20.0
MINING	1.1	1.1	0.9	.0	.2
BITUMINOUS COAL AND LIGNITE MINING	1.0	1.0	0.7	.0	.3
CONSTRUCTION	9.0	9.4	8.6	- .4	.4
TRANSPORTATION & PUBLIC UTILITIES	31.2	31.0	29.7	.2	1.5
RAILROAD TRANSPORTATION	1.8	1.8	1.7	.0	.1
TRUCKING & WAREHOUSING	3.4	3.3	3.1	.1	.3
TRANSPORTATION BY AIR	4.4	4.2	4.4	.2	.0
COMMUNICATION	16.0	16.0	15.0	.0	1.0
ELECTRIC, GAS & SANITARY SERVICES	4.0	3.9	3.6	.1	.4
WHOLESALE & RETAIL TRADE	212.1	222.2	200.2	- 10.1	11.9
WHOLESALE TRADE	27.3	27.6	25.0	- .3	2.3
WHOLESALE TRADE - DURABLE GOODS	16.0	16.1	15.1	- .1	.9
WHOLESALE TRADE - NONDURABLE GOODS	11.3	11.4	9.9	- .1	1.4
RETAIL TRADE	184.8	194.6	175.2	- 9.8	9.6
GENERAL MERCHANDISE STORES	41.2	46.7	41.4	- 5.7	- .4
DEPARTMENT STORES	32.0	36.6	32.5	- 4.6	- .5
VARIETY STORES	7.8	8.8	7.9	- 1.0	- .1
FOOD STORES	23.7	24.2	23.2	- .5	.5
AUTOMOTIVE DEALERS AND SERVICE STATIONS	8.9	8.9	8.4	.0	.5
FURNITURE AND HOME FURNISHING STORES	6.2	6.2	5.7	.0	.5
MISCELLANEOUS RETAIL	27.7	29.0	27.1	- 1.3	.6
FINANCE, INSURANCE AND REAL ESTATE	62.1	62.3	60.7	- .2	1.4
BANKING	25.0	24.9	24.2	.1	.8
INSURANCE CARRIERS	11.1	11.2	11.2	- .1	- .1
REAL ESTATE	9.9	10.2	9.5	- .3	.4
SERVICES	231.3	233.4	225.9	- 2.1	5.4
PERSONAL SERVICES	15.1	15.3	15.3	- .2	- .2
BUSINESS SERVICES	33.7	34.0	33.1	- .3	.6
AUTO & MISC REPAIR SERVICE	3.9	3.8	3.8	.1	.1
HEALTH SERVICES	90.9	91.9	88.0	- 1.0	2.9
GOVERNMENT	235.9	237.0	236.8	- 1.1	- .9
FEDERAL GOVERNMENT	55.3	55.8	54.1	- .5	1.2
STATE & LOCAL GOVERNMENT	180.5	181.2	182.6	- .7	- 2.1
STATE GOVERNMENT	59.1	59.0	59.9	.1	- .8
LOCAL GOVERNMENT	121.4	122.3	122.7	- .9	- 1.3

See footnote Table A-1.

Table A-4.

ESTIMATED NUMBER OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
MANUFACTURING	307.0	311.8	316.1	- 4.8	- 9.1
DURABLE GOODS	136.3	139.7	144.1	- 3.4	- 7.8
LUMBER AND WOOD PRODUCTS	17.6	17.8	18.3	- .2	- .7
MILLWORK, PLYWOOD, AND STRUCTURAL MEMBERS	4.5	4.7	4.7	- .2	- .2
WOOD CONTAINERS	1.5	1.5	1.5	.0	.0
WOOD BLDGS. & MOBILE HOMES	1.5	1.5	1.8	.0	- .3
MISC. WOOD PRODUCTS	2.1	1.9	2.0	.2	.1
FURNITURE AND FIXTURES	20.3	20.8	22.0	- .5	- 1.7
HOUSEHOLD AND OFFICE FURNITURE	19.4	19.9	21.0	- .5	- 1.6
STONE,CLAY & GLASS PRODUCTS	9.0	9.3	9.7	- .3	- .7
STRUCTURAL CLAY PRODUCTS	0.3	0.4	0.5	- .1	- .2
CONCRETE, GYPSUM AND PLASTER PRODUCTS	4.9	5.2	5.3	- .3	- .4
GLASS AND GLASS PRODUCTS	1.6	1.5	1.5	.1	.1
PRIMARY METAL INDUSTRIES	6.3	6.4	7.0	- .1	- .7
FABRICATED METAL PRODUCTS	13.1	13.3	13.5	- .2	- .4
FABRICATED STRUCTURAL METAL PRODUCTS	6.9	7.0	7.6	- .1	- .7
MACHINERY EXCEPT ELECTRICAL	10.5	10.3	11.0	.2	- .5
CONSTRUCTION AND RELATED MACHINERY	2.9	3.0	3.1	- .1	- .2
SPECIAL INDUSTRY MACHINERY	1.2	1.2	1.2	.0	.0
REFRIGERATION AND SERVICE MACHINERY	1.5	1.4	1.3	.1	.2
ELECTRIC & ELECTRONIC EQUIPMENT	23.6	23.9	23.6	- .3	.0
COMMUNICATION EQUIPMENT	6.3	6.4	6.1	- .1	.2
ELECTRONIC COMPONENTS AND ACCESSORIES	3.6	3.6	3.6	.0	.0
TRANSPORTATION EQUIPMENT	31.0	32.6	34.1	- 1.6	- 3.1
INSTRUMENTS & RELATED PRODUCTS	2.9	2.9	2.7	.0	.2
MISC. MANUFACTURING IND.	2.1	2.1	2.2	.0	- .1
NONDURABLE GOODS	170.7	172.1	172.0	- 1.4	- 1.3
FOOD & KINDRED PRODUCTS	30.3	30.5	29.6	- .2	.7
MEAT PRODUCTS	12.0	11.9	11.7	.1	.3
DAIRY PRODUCTS	1.6	1.6	1.3	.0	.3
PRESERVED FRUITS AND VEGETABLES	3.4	3.8	3.0	- .4	.4
BAKERY PRODUCTS	2.3	2.2	2.6	.1	- .3
BEVERAGES	2.6	2.6	2.5	.0	.1
TOBACCO MANUFACTURES	13.6	13.9	13.2	- .3	.4
CIGARETTES	11.6	11.6	11.2	.0	.4
CIGARS AND CHEWING AND SMOKING TOBACCO	0.4	0.4	0.4	.0	.0
TOBACCO STEMMING AND REDRYING	1.6	1.9	1.6	- .3	.0
TEXTILE MILL PRODUCTS	38.0	38.4	39.7	- .4	- 1.7
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	16.9	16.7	17.0	.2	- .1
NARROW FABRIC MILLS	0.7	0.7	0.9	.0	- .2
KNITTING MILLS	12.2	12.6	13.3	- .4	- 1.1
TEXTILE FINISHING EXCEPT WOOL	3.7	3.8	4.1	- .1	- .4
YARN AND THREAD MILLS	2.2	2.2	2.2	.0	.0
MISC. TEXTILE GOODS	1.0	1.0	1.0	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	28.8	29.1	29.2	- .3	- .4
MENS & BOYS SUITS, COATS AND FURNISHINGS	9.7	10.1	10.5	- .4	- .8
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	16.2	16.1	15.9	.1	.3
MISC. FABRICATED TEXTILE PRODUCTS	1.4	1.4	1.2	.0	.2
PAPER & ALLIED PRODUCTS	11.4	11.5	11.6	- .1	- .2
PULP, PAPER & PAPERBOARD	5.6	5.6	5.7	.0	- .1
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	5.7	5.7	5.7	.0	.0
MISC. CONVERTED PAPER PRODUCTS	2.4	2.4	2.4	.0	.0
PAPERBOARD CONTAINERS AND BOXES	3.3	3.3	3.3	.0	.0
PRINTING AND PUBLISHING	14.3	14.1	13.6	.2	.7
NEWSPAPER AND PERIODICALS	3.2	3.2	3.0	.0	.2
COMMERCIAL PRINTING	7.3	7.3	7.0	.0	.3
CHEMICALS & ALLIED PRODUCTS	22.2	22.4	22.8	- .2	- .6
INDUSTRIAL INORGANIC CHEMICALS	0.4	0.4	0.5	.0	- .1
PLASTICS MATERIALS AND SYNTHETICS	14.5	14.6	15.1	- .1	- .6
DRUGS	1.9	1.9	1.5	.0	.4
AGRICULTURAL CHEMICALS	0.6	0.6	0.8	.0	- .2
MISC. CHEMICAL PRODUCTS	2.8	2.8	2.7	.0	.1
PETROLEUM, RUBBER & MISC. PLASTICS PRODUCTS	9.0	9.0	9.1	.0	- .1
MISC. PLASTICS PRODUCTS	4.5	4.5	4.3	.0	.2
RUBBER & RUBBER PRODUCTS	4.2	4.3	4.6	- .1	- .4
LEATHER & LEATHER PRODUCTS	3.0	3.0	3.2	.0	- .2

See Footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-5.

BRISTOL, VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JAN. 1982	DEC. 1981	JAN. 1981	NET CHANGE FROM DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	26.6	27.0	26.7	- .4	- .1
MANUFACTURING	9.1	9.1	9.2	.0	- .1
DURABLE GOODS	4.4	4.6	4.8	- .2	- .4
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.2	0.2	0.2	.0	.0
STONE,CLAY & GLASS PRODUCTS	0.2	0.2	0.3	.0	- .1
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.0	2.2	2.4	- .2	- .4
OTHER DURABLE GOODS 1/	2.0	2.0	1.8	.0	.2
NONDURABLE GOODS	4.7	4.5	4.4	.2	.3
FOOD & KINDRED PRODUCTS	1.8	1.7	1.7	.1	.1
TEXTILE MILL PRODUCTS	0.1	0.1	0.1	.0	.0
APPAREL & OTHER TEXTILE PRODUCTS	1.9	1.8	1.9	.1	.0
PAPER & ALLIED PRODS. & PRINTING & PUBLISHING	0.4	0.4	0.4	.0	.0
OTHER NONDURABLE GOODS 2/	0.5	0.5	0.4	.0	.1
NONMANUFACTURING	17.4	17.9	17.5	- .5	- .1
CONSTRUCTION	0.7	0.8	0.8	- .1	- .1
TRANSPORTATION & PUBLIC UTILITIES	1.1	1.1	1.0	.0	.1
WHOLESALE & RETAIL TRADE	6.6	6.8	6.4	- .2	.2
WHOLESALE TRADE	1.3	1.3	1.4	.0	- .1
RETAIL TRADE	5.3	5.5	4.9	- .2	.4
FINANCE, INSURANCE AND REAL ESTATE	0.9	0.9	0.9	.0	.0
SERVICES & MINING	3.4	3.4	3.3	.0	.1
GOVERNMENT	4.9	4.9	5.1	.0	- .2
STATE & LOCAL GOVERNMENT	4.3	4.4	4.6	- .1	- .3

The Bristol, Virginia Metropolitan Area covers the city of Bristol and the counties of Scott and Washington.

1/ Includes the machinery, electric and electronic equipment, transportation equipment, and instruments and related products industries.

2/ Includes the tobacco manufactures, chemicals and allied products, rubber and plastics products, and leather and leather products industries.

Table A-6.

LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JAN. 1982	DEC. 1981	JAN. 1981	NET CHANGE FROM DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	70.1	71.2	70.5	- .9	- .2
MANUFACTURING	28.5	28.8	28.5	- .3	.0
DURABLE GOODS	18.5	18.7	18.4	- .2	.1
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	3.8	4.0	4.1	- .2	- .3
OTHER DURABLE GOODS 1/	14.7	14.8	14.4	- .1	.3
NONDURABLE GOODS	10.0	10.1	10.1	- .1	- .1
FOOD & KINDRED PRODUCTS	1.5	1.6	1.4	- .1	.1
TEXTILE MILL PRODUCTS	2.0	1.9	2.0	.1	.0
APPAREL & OTHER TEXTILE PRODUCTS	2.0	2.1	2.2	- .1	- .2
PAPER & ALLIED PRODUCTS	1.2	1.2	1.1	.0	.1
OTHER NONDURABLE GOODS 2/	3.3	3.4	3.5	- .1	- .2
NONMANUFACTURING	41.9	42.4	42.0	- .5	- .1
CONSTRUCTION	2.4	2.7	2.7	- .3	- .3
TRANSPORTATION & PUBLIC UTILITIES	2.7	2.7	2.7	.0	.0
WHOLESALE & RETAIL TRADE	12.2	12.4	12.3	- .2	- .1
WHOLESALE TRADE	2.4	2.4	2.3	.0	.1
RETAIL TRADE	9.8	10.0	9.9	- .2	- .1
FINANCE, INSURANCE AND REAL ESTATE	3.3	3.3	3.2	.0	.1
SERVICES & MINING	11.2	11.2	10.9	.0	.3
GOVERNMENT	10.1	10.1	10.2	.0	- .1

The Lynchburg Standard Metropolitan Statistical Area covers the city of Lynchburg and the counties of Amherst, Appomattox and Campbell.

1/ Includes the stone, clay and glass products, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, printing and publishing, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

Table A-7. ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

NEWPORT NEWS-HAMPTON STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	147.6	149.7	147.6	- 2.1	.0
MANUFACTURING	33.7	34.1	35.4	- .4	- 1.7
DURABLE GOODS	27.8	28.1	29.6	- .3	- 1.8
STONE,CLAY & GLASS PRODUCTS	0.5	0.5	0.5	.0	.0
TRANSPORTATION EQUIPMENT	24.1	24.3	25.4	- .2	- 1.3
OTHER DURABLE GOODS	3.2	3.3	3.7	- .1	- .5
NONDURABLE GOODS	5.9	5.9	5.8	.0	.1
FOOD & KINDRED PRODUCTS	2.4	2.4	2.4	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.4	0.4	0.5	.0	- .1
PRINTING AND PUBLISHING	1.1	1.1	1.1	.0	.0
OTHER NONDURABLE GOODS	2.0	2.0	1.8	.0	.2
NONMANUFACTURING	113.9	115.6	112.2	- 1.7	1.7
CONSTRUCTION	5.9	6.6	6.3	- .7	- .4
TRANSPORTATION & PUBLIC UTILITIES	5.1	4.9	4.8	.2	.3
WHOLESALE & RETAIL TRADE	28.8	29.7	28.4	- .9	.4
WHOLESALE TRADE	3.6	3.7	3.5	- .1	.1
RETAIL TRADE	25.2	25.9	24.9	- .7	.3
FINANCE, INSURANCE AND REAL ESTATE	4.7	4.8	4.6	- .1	.1
SERVICES & MINING	29.0	29.6	27.8	- .6	1.2
GOVERNMENT	40.4	40.1	40.2	.3	.2
FEDERAL GOVERNMENT	17.0	17.1	16.7	- .1	.3
STATE & LOCAL GOVERNMENT	23.5	23.0	23.6	.5	- .1

The Newport News-Hampton Standard Metropolitan Statistical Area covers the cities of Newport News, Hampton, Poquoson and Williamsburg and the counties of James City, York and Gloucester.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, fabricated metal products, machinery, except electrical, electric and electronic equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, paper and allied products, chemicals and allied products, and petroleum and coal products industries.

Table A-8.

NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1981	JAN. 1981	DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	285.6	291.9	282.5	- 6.3	3.1
MANUFACTURING	28.5	30.0	28.6	- 1.5	- .1
DURABLE GOODS	17.0	18.5	17.7	- 1.5	- .7
LUMBER AND WOOD PRODUCTS	1.5	1.5	1.5	.0	.0
STONE,CLAY & GLASS PRODUCTS	1.7	1.7	1.6	.0	.1
FABRICATED METAL PRODUCTS	1.0	1.0	1.0	.0	.0
MACHINERY EXCEPT ELECTRICAL	1.3	1.3	1.3	.0	.0
TRANSPORTATION EQUIPMENT	7.2	8.6	7.6	- 1.4	- .4
OTHER DURABLE GOODS 1/	4.3	4.3	4.7	.0	- .4
NONDURABLE GOODS	11.5	11.5	10.9	.0	.6
FOOD & KINDRED PRODUCTS	5.6	5.6	5.1	.0	.5
APPAREL & OTHER TEXTILE PRODUCTS	1.0	1.0	0.9	.0	.1
PRINTING AND PUBLISHING	2.6	2.5	2.4	.1	.2
CHEMICALS & ALLIED PRODUCTS	1.1	1.2	1.3	- .1	- .2
AGRICULTURAL CHEMICALS	0.5	0.5	0.7	.0	- .2
OTHER NONDURABLE GOODS 2/	1.2	1.2	1.2	.0	.0
NONMANUFACTURING	757.1	762.0	253.9	- 4.9	3.2
CONSTRUCTION	15.6	16.9	15.4	- 1.3	.2
TRANSPORTATION & PUBLIC UTILITIES	20.1	19.7	18.8	.4	1.3
RAILROAD TRANSPORTATION	1.4	1.4	1.5	.0	- .1
WHOLESALE & RETAIL TRADE	69.0	72.6	67.9	- 3.6	1.1
WHOLESALE TRADE	14.9	15.1	15.1	- .2	- .2
RETAIL TRADE	54.1	57.5	52.9	- 3.4	1.2
FINANCE, INSURANCE AND REAL ESTATE	14.8	14.9	14.6	- .1	.2
BANKING	4.8	4.8	4.7	.0	.1
INS CARRIERS, AGENTS, BROKERS, & SERVICES	3.2	3.2	3.3	.0	- .1
PERSONAL SERVICES	4.6	4.6	4.1	.0	.5
GOVERNMENT	79.4	79.4	80.9	.0	- 1.5
FEDERAL GOVERNMENT	37.7	37.8	36.9	- .1	.8
STATE & LOCAL GOVERNMENT	41.7	41.5	44.0	.2	- 2.3

The Norfolk, Virginia Beach, Portsmouth Standard Metropolitan Statistical Area covers the cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and county of Currituck, North Carolina.

1/ Includes the furniture and fixtures, primary metals, electric and electronic equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, paper and allied products, petroleum and coal products, rubber and plastics products and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-9.

NORTHERN VIRGINIA AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1982	JAN. 1981	DEC. 1982	JAN. 1981
TOTAL NONAGRICULTURAL	464.6	471.1	454.1	- 6.5	10.5
MANUFACTURING	20.6	20.7	19.4	- .1	1.2
DURABLE GOODS	12.5	12.7	12.0	- .2	.5
STONE,CLAY & GLASS PRODUCTS	0.9	0.9	1.1	.0	- .2
FABRICATED METAL PRODUCTS	0.9	0.9	1.2	.0	- .3
MACHINERY EXCEPT ELECTRICAL	0.7	0.7	0.7	.0	.0
ELECTRIC & ELECTRONIC EQUIPMENT	7.7	7.8	7.0	- .1	.7
OTHER DURABLE GOODS 1/	2.4	2.4	2.1	.0	.3
NONDURABLE GOODS	8.1	8.1	7.4	.0	.7
FOOD & KINDRED PRODUCTS	1.1	1.1	1.1	.0	.0
PRINTING AND PUBLISHING	5.4	5.4	4.8	.0	.6
OTHER NONDURABLE GOODS 2/	1.6	1.6	1.5	.0	.1
NONMANUFACTURING	444.0	450.3	434.6	- 6.3	9.4
MINING	0.4	0.4	0.4	.0	.0
CONSTRUCTION	23.0	26.8	26.3	- 3.8	- 3.3
TRANSPORTATION & PUBLIC UTILITIES	31.3	31.3	32.2	.0	- .9
TRANSPORTATION BY AIR	8.4	8.4	9.4	.0	- 1.0
ELECTRIC, GAS & SANITARY SERVICES	3.7	3.8	3.6	- .1	.1
WHOLESALE & RETAIL TRADE	115.7	117.2	109.4	- 1.5	6.3
WHOLESALE TRADE	22.5	22.4	21.8	.1	.7
RETAIL TRADE	93.2	94.8	87.6	- 1.6	5.6
GENERAL MERCHANDISE STORES	15.0	15.8	14.1	- .8	.9
FOOD STORES	10.2	10.3	10.2	- .1	.0
AUTOMOTIVE DEALERS AND SERVICE STATIONS	10.9	11.0	11.2	- .1	- .3
APPAREL & ACCESSORY STORES	6.4	6.8	5.9	- .4	.5
EATING & DRINKING PLACES	28.1	28.2	25.7	- .1	2.4
FINANCE, INSURANCE AND REAL ESTATE	28.8	28.9	28.3	- .1	.5
BANKING	6.7	6.7	6.3	.0	.4
SERVICES	125.3	125.5	121.1	- .2	4.2
BUSINESS SERVICES	44.0	44.0	42.6	.0	1.4
GOVERNMENT	119.6	120.2	116.9	- .6	2.7
FEDERAL GOVERNMENT	66.2	66.3	63.9	- .1	2.3
STATE & LOCAL GOVERNMENT	53.3	53.9	53.0	- .6	.3

The Northern Virginia Area covers the cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William.

1/ Includes the lumber and wood products, furniture and fixtures, primary metals, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.

2/ Includes the tobacco, textile mill products, apparel and other textile products, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-10.

PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS			NET CHANGE FROM	
	JAN. 1982	DEC. 1982	JAN. 1981	DEC. 1982	JAN. 1981
TOTAL NONAGRICULTURAL	44.9	45.1	44.7	- .2	.2
MANUFACTURING	10.1	10.3	10.8	- .2	- .7
DURABLE GOODS	2.2	2.3	2.7	- .1	- .5
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	0.4	0.4	0.6	.0	- .2
STONE,CLAY & GLASS PRODUCTS	0.2	0.2	0.2	.0	.0
FABRICATED METAL PRODUCTS	0.1	0.1	0.1	.0	.0
OTHER DURABLE GOODS 1/	1.5	1.5	1.8	.0	- .3
NONDURABLE GOODS	7.8	8.0	8.0	- .2	- .2
FOOD & KINDRED PRODUCTS	0.3	0.3	0.3	.0	.0
TEXTILE MILL PROD & APPAREL & OTHER TEXTILE PRODUCTS	0.3	0.4	0.4	- .1	- .1
CHEMICALS & ALLIED PRODUCTS	3.4	3.4	3.5	.0	- .1
OTHER NONDURABLE GOODS 2/	4.0	4.0	3.9	.0	.1
NONMANUFACTURING	34.8	34.8	34.0	.0	.8
CONSTRUCTION	1.7	1.8	2.0	- .1	- .3
TRANSPORTATION & PUBLIC UTILITIES	1.3	1.3	1.3	.0	.0
WHOLESALE & RETAIL TRADE	9.0	9.0	8.8	.0	.2
WHOLESALE TRADE	1.1	1.1	1.2	.0	- .1
RETAIL TRADE	7.9	7.8	7.6	.1	.3
FINANCE, INSURANCE AND REAL ESTATE	1.2	1.2	1.2	.0	.0
SERVICES & MINING	7.0	6.9	6.5	.1	.5
GOVERNMENT	14.6	14.6	14.2	.0	.4
FEDERAL GOVERNMENT	5.3	5.4	5.1	- .1	.2
STATE & LOCAL GOVERNMENT	9.3	9.2	9.1	.1	.2

The Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area covers the cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George.

1/ Includes the primary metals, machinery, except electrical, electric and electronic equipment, transportation equipment, instruments and related products and miscellaneous manufacturing industries.

2/ Includes the paper and allied products, printing and publishing, rubber and plastics products and leather and leather products industries.

See footnote Table A-1.

ESTIMATED EMPLOYMENT IN NONAGRICULTURAL INDUSTRIES

Table A-11.

RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JAN. 1982	DEC. 1981	JAN. 1981	NET CHANGE FROM DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	326.9	329.0	325.4	- 2.1	1.5
MANUFACTURING	55.7	55.9	56.3	- .2	- .6
DURABLE GOODS	16.7	17.0	17.3	- .3	- .6
LUMBER AND WOOD PRODUCTS	1.5	1.5	1.5	.0	.0
FURNITURE AND FIXTURES	1.5	1.6	1.6	- .1	- .1
STONE,CLAY & GLASS PRODUCTS	1.3	1.3	1.2	.0	.1
FABRICATED METAL PRODUCTS	2.4	2.5	2.4	- .1	.0
FABRICATED STRUCTURAL METAL PRODUCTS	1.8	1.8	1.7	.0	.1
MACHINERY EXCEPT ELECTRICAL	2.2	2.2	2.2	.0	.0
OTHER DURABLE GOODS 1/	7.8	7.9	8.3	- .1	- .5
NONDURABLE GOODS	39.0	38.9	39.0	.1	.0
FOOD & KINDRED PRODUCTS	4.1	4.0	4.2	.1	- .1
BAKERY PRODUCTS	1.6	1.5	1.7	.1	- .1
TOBACCO MANUFACTURES	13.1	13.2	13.7	- .1	- .6
CIGARETTES	12.1	12.1	12.6	.0	- .5
TOBACCO STEMMING AND REDRYING	0.6	0.7	0.7	- .1	- .1
APPAREL & OTHER TEXTILE PRODUCTS	2.2	2.2	1.9	.0	.3
PAPER & ALLIED PRODUCTS	4.1	4.2	4.2	- .1	- .1
PRINTING AND PUBLISHING	5.6	5.5	5.3	.1	.3
COMMERCIAL PRINTING	3.3	3.2	3.1	.1	.2
CHEMICALS & ALLIED PRODUCTS	8.3	8.3	8.1	.0	.2
OTHER NONDURABLE GOODS 2/	1.6	1.5	1.5	.1	.1
NONMANUFACTURING	271.2	273.1	269.1	- 1.9	2.1
MINING	0.3	0.3	0.3	.0	.0
CONSTRUCTION	16.6	17.1	16.5	- .5	.1
TRANSPORTATION & PUBLIC UTILITIES	19.7	19.9	19.5	- .2	.2
WHOLESALE & RETAIL TRADE	77.2	77.9	76.5	- .7	.7
WHOLESALE TRADE	23.8	23.9	23.8	- .1	.0
RETAIL TRADE	53.5	54.1	52.7	- .6	.8
GENERAL MERCHANDISE STORES	11.0	11.9	11.6	- .5	- .2
FOOD STORES	7.5	7.5	7.4	.0	.1
AUTOMOTIVE DEALERS AND SERVICE STATIONS	5.5	5.6	5.6	- .1	- .1
FINANCE, INSURANCE AND REAL ESTATE	26.1	26.1	26.2	.0	- .1
INS CARRIERS, AGENTS, BROKERS, & SERVICES	10.5	10.4	10.4	.1	.1
SERVICES	59.7	60.5	57.9	- .8	1.8
GOVERNMENT	71.6	71.4	72.2	.2	- .6
FEDERAL GOVERNMENT	9.2	9.1	9.1	.1	.1
STATE & LOCAL GOVERNMENT	62.4	62.3	63.1	.1	- .7

The Richmond Standard Metropolitan Statistical Area covers the city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan.

1/ Includes the primary metals, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
2/ Includes the textile mill products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

Table A-12.

ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	EMPLOYMENT IN THOUSANDS JAN. 1982	DEC. 1981	JAN. 1981	NET CHANGE FROM DEC. 1981	JAN. 1981
TOTAL NONAGRICULTURAL	100.8	102.1	102.6	- 1.3	- 1.8
MANUFACTURING	20.5	20.7	21.0	- .2	- .5
DURABLE GOODS	11.7	11.9	12.0	- .2	- .3
FURNITURE AND FIXTURES	1.3	1.4	1.3	- .1	.0
PRIMARY METAL INDUSTRY & FABRICATED METAL PRODUCTS	2.3	2.4	2.4	- .1	- .1
FABRICATED STRUCTURAL METAL PRODUCTS	1.0	1.1	1.1	- .1	- .1
MACHINERY EXCEPT ELECTRICAL	1.7	1.7	1.7	.0	.0
OTHER DURABLE GOODS 1/	6.4	6.4	6.5	.0	- .1
NONDURABLE GOODS	8.7	8.8	9.0	- .1	- .3
FOOD & KINDRED PRODUCTS	1.8	1.8	1.8	.0	.0
TEXTILE MILL PRODUCTS	1.7	1.8	1.9	- .1	- .2
APPAREL & OTHER TEXTILE PRODUCTS	1.8	1.8	1.8	.0	.0
PRINTING AND PUBLISHING	1.0	1.0	1.0	.0	.0
OTHER NONDURABLE GOODS 2/	2.5	2.5	2.4	.0	.1
NONMANUFACTURING	80.3	81.4	81.6	- 1.1	- 1.3
MINING	0.2	0.2	0.2	.0	.0
CONSTRUCTION	3.9	4.2	4.6	- .3	- .7
TRANSPORTATION & PUBLIC UTILITIES	9.9	9.8	9.8	.1	.1
WHOLESALE & RETAIL TRADE	24.9	25.4	24.7	- .5	.2
WHOLESALE TRADE	7.5	7.5	7.4	.0	.1
RETAIL TRADE	17.4	18.0	17.4	- .6	.0
FINANCE, INSURANCE AND REAL ESTATE	6.0	5.9	6.1	.1	- .1
SERVICES	20.3	20.6	20.3	- .3	.0
GOVERNMENT	15.2	15.2	15.7	.0	- .5
FEDERAL GOVERNMENT	3.2	3.2	3.3	.0	- .1
STATE & LOCAL GOVERNMENT	12.0	12.0	12.5	.0	- .5

The Roanoke Standard Metropolitan Statistical Area covers the cities of Roanoke, Salem and the counties of Botetourt, Craig and Roanoke.
1/ Includes the lumber and wood products, stone, clay and glass, electric and electronic equipment, transportation equipment, instruments and related products, and miscellaneous manufacturing industries.
2/ Includes the tobacco, paper and allied products, chemicals and allied products, petroleum and coal products, rubber and plastics products, and leather and leather products industries.

See footnote Table A-1.

HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

Table C-1.

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$254.16	$283.14	$262.94	35.3	39.6	39.6	$7.20	$7.15	$6.64
DURABLE GOODS	257.36	291.20	264.60	35.4	40.5	40.0	7.27	7.19	6.62
LUMBER AND WOOD PRODUCTS	168.11	195.15	188.48	31.9	37.1	38.0	5.27	5.26	4.96
FURNITURE AND FIXTURES	118.82	179.35	167.93	24.2	37.6	37.4	4.91	4.77	4.49
HOUSEHOLD AND OFFICE FURNITURE	116.14	178.02	166.66	23.8	37.4	37.2	4.88	4.76	4.48
STONE,CLAY & GLASS PRODUCTS	226.85	259.78	233.66	32.4	39.6	38.4	6.98	6.56	6.09
STRUCTURAL CLAY PRODUCTS	194.72	222.07	193.97	33.4	41.2	29.3	5.83	5.39	6.62
GLASS AND GLASS PRODUCTS	283.07	294.79	236.54	37.1	41.0	38.4	7.63	7.19	6.16
PRIMARY METAL INDUSTRIES	293.53	353.98	354.90	33.7	39.2	42.0	8.71	9.03	8.45
FABRICATED METAL PRODUCTS	305.53	351.94	322.60	36.9	42.3	41.2	8.28	8.32	7.83
FABRICATED STRUCTURAL METAL PRODUCTS	275.58	337.74	302.00	36.5	43.3	41.2	7.55	7.80	7.33
MACHINERY EXCEPT ELECTRICAL	289.48	318.31	273.92	37.4	41.5	39.3	7.74	7.67	6.97
CONSTRUCTION AND RELATED MACHINERY	318.20	319.70	272.52	40.9	41.9	38.6	7.78	7.63	7.06
SPECIAL INDUSTRY MACHINERY	334.26	364.15	325.62	37.6	41.1	40.3	8.89	8.86	8.08
REFRIGERATION AND SERVICE MACHINERY	303.88	333.23	290.75	42.8	47.0	41.3	7.10	7.09	7.04
ELECTRIC & ELECTRONIC EQUIPMENT	270.48	296.61	270.14	36.9	40.3	40.2	7.33	7.36	6.72
COMMUNICATION EQUIPMENT	288.72	314.82	296.34	36.5	39.6	40.1	7.91	7.95	7.39
INSTRUMENTS & RELATED PRODUCTS	175.70	172.42	190.48	35.0	37.0	39.6	5.02	4.66	4.81
MISC. MANUFACTURING IND.	189.60	228.69	211.28	31.6	37.7	38.0	6.00	6.05	5.56
NONDURABLE GOODS	250.97	276.58	261.35	35.1	38.9	39.3	7.15	7.11	6.65
FOOD & KINDRED PRODUCTS	243.98	245.63	227.38	36.8	38.5	38.1	6.63	6.38	5.96
TOBACCO MANUFACTURES	269.49	400.05	406.61	25.4	38.1	39.4	10.61	10.50	10.32
CIGARETTES	277.73	425.97	432.52	24.6	37.3	39.9	11.29	11.42	10.84
TEXTILE MILL PRODUCTS	194.82	219.79	211.74	34.0	38.9	39.8	5.73	5.65	5.32
WEAVING MILLS, COTTON, SYNTHETICS AND WOOL	214.32	238.00	228.66	35.9	40.0	41.2	5.97	5.95	5.55
KNITTING MILLS	174.52	191.36	188.10	32.2	36.8	37.1	5.42	5.20	5.07
YARN AND THREAD MILLS	189.81	206.00	196.45	38.5	41.7	42.8	4.93	4.94	4.59
MISC. TEXTILE GOODS	191.52	225.61	214.94	33.6	39.1	40.1	5.70	5.77	5.36
APPAREL & OTHER TEXTILE PRODUCTS	147.84	165.14	159.36	32.0	35.9	36.3	4.62	4.60	4.39
MENS & BOYS SUITS, COATS AND FURNISHINGS	141.72	156.06	163.55	28.4	31.4	35.4	4.99	4.97	4.62
WOMENS & CHILDRENS OUTERWEAR AND UNDERGARMENTS	149.97	164.00	156.77	33.7	37.7	36.8	4.45	4.35	4.26
PAPER & ALLIED PRODUCTS	353.70	381.47	356.91	39.3	43.3	43.9	9.00	8.81	8.13
PULP, PAPER & PAPERBOARD	459.98	453.33	428.12	43.6	43.8	45.4	10.55	10.35	9.43
MISC. CONVERTED PAPER AND PAPERBOARD PRODUCTS, CONTAINERS AND BOXES	252.03	310.86	290.36	35.2	42.7	42.7	7.16	7.28	6.80
PRINTING AND PUBLISHING	299.21	326.61	295.13	36.4	38.2	37.5	8.22	8.55	7.87
NEWSPAPER AND PERIODICALS	262.40	271.44	241.80	32.0	34.1	32.5	8.20	7.96	7.44
CHEMICALS & ALLIED PRODUCTS	366.80	378.53	351.96	40.0	41.1	41.9	9.17	9.21	8.40
PLASTICS MATERIALS AND SYNTHETICS	364.95	377.06	362.88	39.2	39.9	42.0	9.31	9.45	8.64
AGRICULTURAL CHEMICALS	252.84	268.27	243.76	39.2	41.4	40.9	6.45	6.48	5.96
LEATHER & LEATHER PRODUCTS	115.89	153.62	143.47	28.9	38.5	36.6	4.01	3.99	3.92

Current month's estimates are preliminary. Average hourly earnings are computed on a gross basis and are affected by such factors as premium pay for overtime work and shift differential, as well as changes in basic hourly and incentive rates of pay. Average weekly earnings are the product of average weekly hours and average hourly earnings.

Table C-2.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
BRISTOL METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$210.74	$231.72	$229.97	34.1	38.3	37.7	$6.18	$6.05	$6.13
DURABLE GOODS	259.74	291.87	286.44	35.1	39.7	40.4	7.40	7.10	7.09
FABRICATED METAL PRODUCTS	317.85	342.74	324.41	34.7	39.9	40.2	9.16	8.59	8.07
MACHINERY & TRANSPORTATION EQUIPMENT	253.26	262.68	260.42	37.8	39.8	40.5	6.70	6.60	6.43
NONDURABLE GOODS	161.53	178.97	165.26	33.1	36.9	34.5	4.88	4.85	4.79
FOOD & KINDRED PRODUCTS	190.15	194.25	197.47	34.2	35.0	35.2	5.56	5.55	5.61
APPAREL & OTHER TEXTILE PRODUCTS	131.77	154.88	129.77	31.3	37.5	32.2	4.21	4.13	4.03

Data for the Bristol Metropolitan Area (city of Bristol and the counties of Scott and Washington) cover approximately 6,800 production workers.

Table C-3.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
LYNCHBURG STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$242.79	$280.00	$264.14	34.1	40.0	40.7	$7.12	$7.00	$6.49
DURABLE GOODS	249.91	302.73	276.35	33.1	41.3	40.7	7.55	7.33	6.79
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	94.86	175.73	169.26	18.6	35.5	37.2	5.10	4.95	4.55
NONDURABLE GOODS	233.48	247.15	247.45	35.7	38.2	40.9	6.54	6.47	6.05
FOOD & KINDRED PRODUCTS	259.99	282.20	278.64	37.9	40.2	43.2	6.86	7.02	6.45
TEXTILE MILL PRODUCTS	216.81	237.01	238.29	36.5	39.7	42.1	5.94	5.97	5.66
APPAREL & OTHER TEXTILE PRODUCTS	118.76	130.57	145.44	27.3	32.4	36.0	4.35	4.03	4.04
PAPER & ALLIED PRODUCTS	393.65	334.54	382.03	47.6	42.4	50.6	8.27	7.89	7.55

Data for the Lynchburg Standard Metropolitan Statistical Area (city of Lynchburg and the counties of Amherst, Appomattox and Campbell) cover approximately 19,400 production workers.

See footnote Table C-1.

Table C-4.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORFOLK-VIRGINIA BEACH-PORTSMOUTH STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$275.21	$321.48	$285.37	37.7	42.3	40.9	$7.30	$7.60	$6.97
DURABLE GOODS	292.19	354.71	310.17	37.8	43.9	42.2	7.73	8.08	7.35
LUMBER AND WOOD PRODUCTS	137.34	241.59	236.23	25.2	40.4	40.8	5.45	5.98	5.79
STONE,CLAY & GLASS PRODUCTS	271.73	307.58	246.44	40.8	45.5	40.6	6.66	6.76	6.07
FABRICATED METAL PRODUCTS	233.25	237.63	212.21	39.4	40.9	37.1	5.92	5.81	5.72
MACHINERY EXCEPT ELECTRICAL	149.62	245.56	240.19	22.1	35.9	39.7	6.77	6.84	6.05
TRANSPORTATION EQUIPMENT	394.24	456.03	389.58	44.8	49.3	45.3	8.80	9.25	8.60
NONDURABLE GOODS	242.73	255.19	233.02	37.4	39.2	38.2	6.49	6.51	6.10
FOOD & KINDRED PRODUCTS	276.97	241.92	221.94	36.2	38.4	37.3	6.27	6.30	5.95
CHEMICALS & ALLIED PRODUCTS	278.40	289.48	250.67	38.4	40.6	40.3	7.25	7.13	6.22

Data for the Norfolk-Virginia Beach-Portsmouth Standard Metropolitan Statistical Area (cities of Chesapeake, Norfolk, Portsmouth, Suffolk and Virginia Beach, Virginia and the county of Currituck, North Carolina) cover approximately 21,600 production workers.

Table C-5.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
NORTHERN VIRGINIA AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$280.02	$302.40	$289.68	36.7	40.0	40.6	$7.63	$7.56	$7.14
DURABLE GOODS	266.44	298.22	277.54	37.9	42.3	41.3	7.03	7.05	6.72
STONE,CLAY & GLASS PRODUCTS	189.10	235.00	235.17	30.5	37.6	39.0	6.20	6.25	6.03
FABRICATED METAL PRODUCTS	311.12	349.92	292.44	38.6	43.2	40.9	8.06	8.10	7.15
ELECTRIC & ELECTRONIC EQUIPMENT	282.74	320.17	297.79	40.8	46.2	43.6	6.93	6.93	6.83
NONDURABLE GOODS	298.58	307.94	309.29	34.8	36.4	39.4	8.58	8.46	7.85
FOOD & KINDRED PRODUCTS	306.36	308.25	294.84	40.1	40.4	42.0	7.64	7.63	7.02

Data for the Northern Virginia Area (cities of Alexandria, Fairfax and Falls Church and the counties of Arlington, Fairfax, Loudoun and Prince William) cover approximately 10,600 production workers.

See footnote C-1.

Table C-6.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
PETERSBURG-COLONIAL HEIGHTS-HOPEWELL STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$337.59	$343.42	$316.37	36.3	38.5	39.3	$9.30	$8.92	$8.05
DURABLE GOODS	167.00	186.24	187.40	33.2	37.1	38.8	5.03	5.02	4.83
LUMBER & WOOD PRODUCTS & FURNITURE & FIXTURES	131.39	181.17	193.99	27.7	36.6	41.1	4.74	4.95	4.72
NONDURABLE GOODS	388.00	390.78	362.61	37.2	39.0	39.5	10.43	10.02	9.18
FOOD & KINDRED PRODUCTS	246.32	243.72	212.01	40.2	41.1	38.2	6.12	5.93	5.55
CHEMICALS & ALLIED PRODUCTS	443.70	471.13	376.16	42.5	46.6	41.2	10.44	10.11	9.13

Data for the Petersburg-Colonial Heights-Hopewell Standard Metropolitan Statistical Area (cities of Colonial Heights, Hopewell and Petersburg and the counties of Dinwiddie and Prince George) cover approximately 7,900 production workers.

Table C-7.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
RICHMOND STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$292.05	$374.83	$341.65	33.0	41.1	40.1	$8.85	$9.12	$8.52
DURABLE GOODS	281.07	356.83	315.17	33.5	41.3	40.2	8.39	8.64	7.84
LUMBER AND WOOD PRODUCTS	171.31	219.78	200.30	33.2	39.6	39.9	5.16	5.55	5.02
FURNITURE AND FIXTURES	142.75	197.24	185.38	28.1	40.5	38.8	5.08	4.87	4.77
FABRICATED METAL PRODUCTS	319.93	462.00	369.24	34.7	44.0	40.8	9.22	10.50	9.05
FABRICATED STRUCTURAL METAL PRODUCTS	344.92	513.98	407.43	34.7	44.5	40.3	9.94	11.55	10.11
PRIMARY METAL INDUSTRIES	421.15	490.92	461.24	35.6	39.4	39.9	11.83	12.46	11.56
NONDURABLE GOODS	295.86	382.64	352.88	32.8	41.1	40.1	9.02	9.31	8.80
FOOD & KINDRED PRODUCTS	254.04	251.33	249.29	36.5	37.4	40.8	6.96	6.72	6.11
TOBACCO MANUFACTURES	254.50	469.27	412.49	23.2	42.7	38.3	10.97	10.99	10.77
CIGARETTES	249.75	469.53	420.20	22.5	42.3	38.2	11.10	11.10	11.00
APPAREL & OTHER TEXTILE PRODUCTS	169.34	197.34	169.05	33.8	39.0	37.4	5.01	5.06	4.52
PAPER & ALLIED PRODUCTS	291.15	374.40	344.31	35.9	45.0	44.6	8.11	8.32	7.72
PRINTING AND PUBLISHING	327.12	345.54	320.34	37.6	39.0	38.0	8.70	8.86	8.43
CHEMICALS & ALLIED PRODUCTS	400.93	402.78	390.93	39.5	39.8	41.9	10.15	10.12	9.33

Data for the Richmond Standard Metropolitan Statistical Area (city of Richmond and the counties of Charles City, Chesterfield, Goochland, Hanover, Henrico, New Kent and Powhatan) cover approximately 37,300 production workers.

See footnote Table C-1

Table C-8.

ESTIMATED HOURS AND GROSS EARNINGS OF PRODUCTION WORKERS IN MANUFACTURING INDUSTRIES
ROANOKE STANDARD METROPOLITAN STATISTICAL AREA

INDUSTRY GROUP	AVERAGE WEEKLY EARNINGS			AVERAGE WEEKLY HOURS			AVERAGE HOURLY EARNINGS		
	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981	JAN. 1982	DEC. 1981	JAN. 1981
MANUFACTURING	$224.70	$263.59	$240.91	32.1	39.4	39.3	$7.00	$6.69	$6.13
DURABLE GOODS	228.78	281.11	248.75	31.6	41.4	39.8	7.24	6.79	6.25
FABRICATED METAL PRODUCTS	219.36	254.00	232.58	33.8	41.1	40.1	6.49	6.18	5.80
FABRICATED STRUCTURAL METAL PRODUCTS	190.57	263.45	227.55	28.7	41.1	39.3	6.64	6.41	5.79
NONDURABLE GOODS	220.49	241.70	231.04	32.8	36.9	38.7	6.71	6.55	5.97
FOOD & KINDRED PRODUCTS	265.98	269.72	259.21	42.9	44.0	43.9	6.20	6.13	5.90
TEXTILE MILL PRODUCTS	206.25	212.39	190.32	36.7	38.9	39.0	5.62	5.46	4.88

Data for the Roanoke Standard Metropolitan Statistical Area (city of Raonoke and the counties of Botetourt, Craig and Roanoke) cover approximately 14,100 production workers.

See footnote Table C-1.

Table C-9.

GROSS AND SPENDABLE AVERAGE WEEKLY EARNINGS OF PRODUCTION WORKERS IN VIRGINIA MANUFACTURING INDUSTRIES

	GROSS AVERAGE WEEKLY EARNINGS			SPENDABLE AVERAGE WEEKLY EARNINGS					
				Worker With No Dependents			Married Worker With Three Dependents		
	January 1982	December 1981	January 1981	January 1982	December 1981	January 1981	January 1982	December 1981	January 1981
Virginia	$254.16	$283.14	$262.94	N/A	$220.59	$205.36	N/A	$241.38	$224.47
Bristol Area	210.74	231.72	229.97	N/A	185.26	187.44	N/A	202.63	205.00
Lynchburg SMSA	242.79	280.00	264.14	N/A	218.48	208.31	N/A	239.01	227.68
Norfolk-Virginia Beach-Portsmouth SMSA	275.21	321.48	285.07	N/A	245.87	223.75	N/A	269.80	244.90
Northern Virginia Area	280.02	302.40	289.88	N/A	233.57	224.72	N/A	255.89	245.99
Petersburg-Colonial Heights-Hopewell SMSA	337.59	343.42	316.37	N/A	259.77	240.79	N/A	285.67	264.01
Richmond SMSA	292.05	374.83	341.65	N/A	279.44	259.75	N/A	308.40	285.66
Roanoke SMSA	224.70	263.59	240.91	N/A	207.36	193.58	N/A	226.65	211.67

Net spendable average weekly earnings, a rough equivalent of weekly take-home pay, are calculated by deducting Federal income and social security taxes from gross average weekly earnings of factory production workers.

Table D-1

VIRGINIA

EMPLOYMENT 1/ IN NONAGRICULTURAL INDUSTRIES

SEASONALLY ADJUSTED	January 2/ 1982	December 1981	January 1981	December 1980
NONAGRICULTURAL	2,186.3	2,169.7	2,169.6	2,182.2
MANUFACTURING	405.5	406.1	414.3	413.2
Durable Goods	183.0	185.3	189.1	190.0
Lumber & Wood Products	21.9	21.5	24.3	22.2
Furniture and Fixtures	23.6	24.4	25.7	25.3
Stone, Clay and Glass Products	12.2	12.4	12.6	12.9
Primary Metal Industries	11.2	11.6	12.0	12.5
Fabricated Metal Products	19.6	19.8	20.3	20.4
Machinery, except Electrical	15.3	15.1	15.3	15.7
Electric and Electronic Equipment	36.0	36.1	33.7	35.2
Transportation Equipment	37.0	38.2	38.2	39.8
Instruments and Related Products	4.0	4.0	4.0	3.9
Nondurable Goods	222.7	221.0	222.7	223.4
Food and Kindred Products	40.6	39.6	41.2	40.9
Tobacco Manufactures	18.8	18.4	16.9	18.0
Textile Mill Products	43.1	43.0	45.3	44.0
Apparel and Other Textile Products	33.0	32.8	34.2	33.4
Paper and Allied Products	14.8	15.0	14.6	15.0
Printing and Publishing	23.1	22.6	22.0	22.3
Chemicals and Allied Products	33.6	33.6	33.0	33.9
Leather and Leather Products	3.4	3.5	3.6	3.7
MINING	25.7	25.1	24.8	24.5
Bituminous Coal and Lignite Mining	23.4	22.6	23.0	21.3
CONTRACT CONSTRUCTION	110.3	113.6	119.9	125.6
TRANSPORTATION & PUBLIC UTILITIES	119.2	116.4	115.6	116.2
Railroad Transportation	13.6	12.9	13.5	13.0
Trucking and Warehousing	27.9	27.6	30.0	28.1
Transportation by Air	11.3	11.0	11.1	11.8
Communication	33.3	33.2	29.5	31.9
Electric, Gas and Sanitary Services	18.0	17.8	16.8	16.8
WHOLESALE AND RETAIL TRADE	476.8	467.7	456.2	457.3
Wholesale Trade	108.5	108.4	105.8	107.1
Retail Trade	366.1	359.2	348.4	350.2
General Merchandise Stores	57.2	56.1	55.4	56.2
Food Stores	57.5	57.1	56.2	57.0
FINANCE, INSURANCE & REAL ESTATE	106.9	106.3	107.5	106.7
Banking	34.7	34.3	31.2	33.5
Insurance Carriers	20.3	20.3	20.3	20.3
SERVICES	428.6	423.6	402.1	419.3
Personal Services	24.0	24.6	25.2	24.4
Business Services	83.6	83.2	78.6	87.4
GOVERNMENT	509.7	511.1	513.5	520.2
Federal Government	158.8	158.6	154.6	155.9
State and Local Government	351.1	352.7	359.1	364.4
AVERAGE WEEKLY HOURS OF PRODUCTION WORKERS				
MANUFACTURING	36.0	39.0	40.3	39.7
Durable Goods	36.8	39.5	41.6	40.2
Lumber and Wood Products	33.5	36.9	39.8	38.6
Furniture and Fixtures	25.8	36.3	40.0	39.2
Household & Office Furniture	25.4	36.1	39.7	39.0
Stone, Clay & Glass Products	33.6	38.7	40.0	41.1
Primary Metal Industries	33.9	38.5	42.2	42.7
Fabricated Metal Products	37.8	41.0	42.2	40.9
Fabricated Structural Metal Products	37.0	41.6	41.8	40.7
Machinery, except Electrical	37.4	40.6	41.2	40.1
Electric and Electronic Equipment	37.7	40.0	41.0	41.3
Instruments & Related Products	35.2	36.0	39.2	38.9
Miscellaneous Manufacturing Industries	33.8	36.5	40.6	39.6
Nondurable Goods	35.8	38.5	39.8	39.1
Food & Kindred Products	37.3	38.3	37.6	36.6
Tobacco Manufactures	26.2	36.6	40.7	38.8
Cigarettes	25.2	35.6	40.8	38.6
Textile Mill Products	34.8	39.0	40.7	40.8
Weaving Mills, Cotton, Synthetics and Wool	36.6	39.1	42.0	41.2
Knitting Mills	34.1	37.0	39.3	38.2
Apparel & Other Textile Products	33.8	35.7	38.3	36.3
Men's and Boys' Suits, Coats and Furnishings	30.5	31.7	38.1	35.1
Women's and Children's Outerwear & Undergarments	35.1	37.6	38.3	37.9
Paper & Allied Products	39.0	42.7	43.6	43.3
Pulp, Paper and Paperboard	43.6	43.5	45.7	45.0
Printing and Publishing	36.5	37.6	38.0	38.0
Newspapers and Periodicals	33.0	33.2	33.0	35.6
Chemicals & Allied Products	40.6	41.3	42.3	41.8
Plastics Materials & Synthetics	39.6	40.2	42.4	41.8
Agricultural Chemicals	39.9	41.9	41.6	42.4
Leather & Leather Products	30.0	38.0	37.9	37.2

1/ Employment in thousands.

2/ Preliminary

Revised to 1st Qtr. 1981 Benchmark levels.

Table D-2.

VIRGINIA

EMPLOYEES IN NONAGRICULTURAL ESTABLISHMENTS, SEASONALLY ADJUSTED
BY INDUSTRY DIVISIONS
ANNUAL AVERAGES 1972 - 1981
JANUARY 1978 TO DATE

(IN THOUSANDS)

Year and Month	Total 1/	Manufacturing	Mining	Construction	Transportation and Public Utilities	Wholesale and Retail Trade	Finance, Insurance and Real Estate	Services and Miscellaneous	Government 1/
Annual Averages									
1972	1,655.4	388.0	16.1	116.8	100.9	336.1	74.3	242.8	380.1
1973	1,753.2	401.8	16.2	130.9	105.2	361.7	80.8	266.4	390.2
1974	1,804.8	402.0	18.1	133.4	107.4	368.6	84.4	286.4	404.7
1975	1,778.8	371.5	20.9	112.2	102.6	368.0	84.0	296.9	421.6
1976	1,842.3	387.8	21.8	111.8	104.3	383.7	86.3	312.8	432.8
1977	1,930.2	400.1	21.8	113.6	106.9	405.5	91.6	331.8	453.6
1978	2,032.9	409.3	20.4	129.8	107.5	428.0	97.1	357.8	482.7
1979	2,115.4	413.9	24.2	138.3	114.2	443.9	104.4	383.7	493.7
1980	2,147.4	413.9	22.7	128.7	115.8	451.3	106.0	398.1	511.3
1981	2,160.9	412.1	21.5	116.0	116.7	463.0	106.3	416.0	509.7
1978:									
January	1,972.3	404.9	13.7	120.1	105.0	416.9	93.8	345.0	468.9
February	1,982.1	407.1	13.5	121.2	105.5	419.5	94.3	347.8	471.9
March	1,993.2	407.0	13.5	122.9	106.6	420.3	95.0	352.0	473.8
April	2,015.4	407.1	24.1	129.3	107.5	422.3	94.8	351.6	480.4
May	2,027.3	409.3	23.4	129.1	107.9	425.2	95.9	355.0	482.8
June	2,044.2	409.8	23.0	132.2	108.5	428.5	97.2	356.7	487.6
July	2,042.8	409.5	23.0	132.3	103.4	429.3	97.3	359.9	487.7
August	2,049.2	410.6	20.7	132.5	104.5	432.0	97.8	362.0	488.4
September	2,049.2	410.5	16.9	133.0	104.7	433.5	98.9	364.4	486.3
October	2,061.6	411.9	22.9	134.5	112.2	432.5	99.1	362.5	487.1
November	2,073.2	411.9	24.6	135.3	112.2	437.2	99.7	366.2	489.0
December	2,084.1	412.5	25.5	135.8	112.5	438.4	101.1	370.9	488.3
1979:									
January	2,090.3	413.9	26.1	134.7	112.9	438.0	102.2	371.9	488.6
February	2,078.6	406.3	25.5	131.2	112.5	439.1	103.1	374.0	487.3
March	2,094.4	411.2	24.9	136.3	112.9	440.7	102.5	377.1	486.9
April	2,098.1	412.6	24.0	136.1	112.3	443.5	103.2	379.9	489.2
May	2,104.8	413.0	22.9	137.4	112.3	443.0	103.3	381.5	492.2
June	2,107.2	412.7	22.0	137.9	114.6	442.7	103.6	380.0	492.6
July	2,114.6	414.8	21.6	139.9	115.5	439.5	105.0	383.1	493.5
August	2,123.9	414.5	22.4	140.1	115.7	442.8	105.4	385.8	495.8
September	2,131.6	415.6	22.0	140.6	116.0	446.0	104.9	387.9	497.8
October	2,140.0	416.9	21.9	140.4	116.1	449.9	106.3	389.7	499.2
November	2,146.9	417.0	23.0	142.5	114.8	450.9	106.6	396.6	500.3
December	2,153.5	417.8	24.4	142.6	114.5	451.1	106.8	396.6	500.5
1980:									
January	2,143.7	418.2	24.7	139.4	114.0	449.3	106.1	389.8	500.6
February	2,146.4	421.0	24.2	138.1	114.5	450.6	106.4	390.1	502.4
March	2,144.4	421.5	23.5	132.6	113.9	449.0	106.2	391.1	504.0
April	2,146.2	419.2	23.0	130.0	116.4	450.5	105.8	395.5	508.8
May	2,144.1	416.3	22.1	128.4	115.7	449.0	105.7	396.1	511.9
June	2,134.8	411.1	21.3	125.8	115.5	447.5	105.3	396.0	511.7
July	2,126.2	403.8	21.0	124.3	116.2	448.7	105.4	397.4	508.7
August	2,142.8	408.2	22.0	124.5	116.8	452.0	105.4	400.4	513.5
September	2,152.8	409.6	21.9	125.2	116.4	453.2	105.5	401.4	520.0
October	2,156.6	412.3	21.8	125.5	117.4	453.7	106.5	404.2	516.5
November	2,159.6	412.4	23.2	125.4	116.5	454.9	106.6	406.3	516.7
December	2,171.7	413.2	24.5	125.6	116.2	457.3	106.7	408.5	520.2
1981:									
January	2,169.6	414.3	24.8	121.9	115.7	458.8	106.3	414.2	510.6
February	2,176.8	415.7	24.8	124.3	116.5	463.1	106.6	413.2	512.3
March	2,177.0	417.6	24.0	122.2	115.7	460.2	106.9	414.7	512.7
April	2,152.6	416.8	13.1	117.2	115.5	459.3	106.9	413.1	513.3
May	2,145.7	416.2	12.6	115.1	115.0	458.2	105.9	412.0	512.4
June	2,152.6	413.6	20.7	113.7	116.4	461.3	105.3	412.7	509.0
July	2,148.3	410.5	20.9	112.6	117.7	462.3	105.5	415.6	502.8
August	2,150.2	409.5	22.3	112.0	117.7	464.3	105.4	416.1	503.3
September	2,161.6	411.6	22.6	112.8	117.7	466.3	106.1	418.3	506.7
October	2,162.4	407.4	22.6	113.2	118.6	467.4	107.1	417.2	510.5
November	2,163.9	405.9	24.2	113.1	117.1	466.7	106.8	421.0	511.9
December	2,169.7	406.1	25.1	113.6	116.4	467.7	106.3	423.6	511.1
1982:									
January	2,186.3	405.5	25.7	110.3	119.2	476.8	106.9	428.6	509.7

Current month's estimates are preliminary. Estimates include all full-time and part-time wage and salary workers who worked during or received pay for the pay period including the twelfth of the month. Self-employed persons are excluded. Employment series have been adjusted to 1st Qtr. 1981 benchmark levels.